

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084617.D
 Acq On : 31 Oct 2024 13:44
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 02:24:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:19:19 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.812	128	34315	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	189928	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	174515	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	82785	30.008	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.033%
60) 4-Bromofluorobenzene	12.847	95	91818	30.557	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.867%
63) Toluene-d8	10.565	98	244038	29.539	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.467%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	299645	150.135	ug/l	94
3) Chloromethane	2.359	50	360263	149.927	ug/l	100
4) Vinyl Chloride	2.512	62	330947	148.318	ug/l	95
5) Bromomethane	2.900	94	166205	146.755	ug/l	99
6) Chloroethane	3.053	64	211245	142.454	ug/l	90
7) Trichlorofluoromethane	3.459	101	537825	148.417	ug/l	99
8) Diethyl Ether	3.953	74	208008	160.923	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.347	101	304904	148.885	ug/l	100
10) 1,1-Dichloroethene	4.324	96	309990	155.009	ug/l	93
11) Methyl Iodide	4.577	142	418106	152.116	ug/l	93
12) Methyl Acetate	5.018	43	413207	132.418	ug/l	97
13) Acrolein	4.171	56	297469	773.843	ug/l	98
14) Acrylonitrile	5.718	53	803457	787.881	ug/l	98
15) Acetone	4.424	58	199728	762.223	ug/l	94
16) Carbon Disulfide	4.694	76	898255	152.651	ug/l	98
17) Allyl chloride	5.012	41	542863	160.886	ug/l	96
18) Methylene Chloride	5.265	84	343819	146.714	ug/l	95
19) trans-1,2-Dichloroethene	5.777	96	318103	151.754	ug/l	89
20) Diisopropyl ether	6.671	45	1072240	157.183	ug/l	98
21) 1,1-Dichloroethane	6.559	63	606359	147.807	ug/l	97
22) cis-1,2-Dichloroethene	7.482	96	389337	155.576	ug/l	94
23) tert-Butyl Alcohol	5.553	59	268783	754.978	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	1046401	161.805	ug/l	98
25) Chloroform	7.965	83	622385	148.078	ug/l	96
26) Cyclohexane	8.253	56	511647	163.276	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	437707	153.006	ug/l	100
30) 2-Butanone	7.482	43	1009048	764.664	ug/l	98
31) 2,2-Dichloropropane	7.488	77	508098	145.502	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	565049	145.389	ug/l	99
33) Carbon Tetrachloride	8.359	117	490498	147.903	ug/l	98
34) Benzene	8.600	78	1384757	146.447	ug/l	96
35) Methacrylonitrile	7.777	41	245428	156.925	ug/l	99
36) 1,2-Dichloroethane	8.665	62	459837	146.236	ug/l	99
37) Trichloroethene	9.347	130	321371	150.657	ug/l	93
38) Methylcyclohexane	9.600	83	499572	162.217	ug/l	97
39) 1,2-Dichloropropane	9.618	63	337522	148.284	ug/l	96
40) Dibromomethane	9.706	93	233108	146.393	ug/l	99
41) Bromodichloromethane	9.888	83	504647	147.833	ug/l	98
42) Vinyl Acetate	6.600	43	3914346	793.588	ug/l	100

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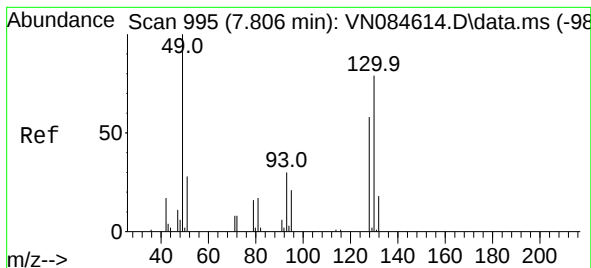
Quant Time: Nov 01 02:24:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	428446	152.653	ug/l	97
44) Isopropyl Acetate	8.688	43	741325	132.033	ug/l	96
45) 1,4-Dioxane	9.700	88	117373	3131.238	ug/l	96
46) Methyl methacrylate	9.682	41	357456	158.423	ug/l	98
47) n-amyl Acetate	12.494	43	667282	159.131	ug/l	94
48) t-1,3-Dichloropropene	10.835	75	523588	155.334	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	561762	155.501	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	311081	145.645	ug/l	95
51) Ethyl methacrylate	10.876	69	534438	162.326	ug/l	96
52) 1,3-Dichloropropane	11.165	76	544181	146.779	ug/l	99
53) Dibromochloromethane	11.359	129	378123	151.277	ug/l	98
54) 1,2-Dibromoethane	11.470	107	321983	149.047	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	1267478	785.232	ug/l	99
56) Bromoform	12.576	173	254436	151.864	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	2085089	757.339	ug/l	98
59) 2-Hexanone	11.200	43	1531300	759.555	ug/l	98
61) Tetrachloroethene	11.100	164	271458	148.628	ug/l	98
62) Toluene	10.629	91	1481581	149.056	ug/l	98
64) Chlorobenzene	11.888	112	896579	149.418	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	321277	145.687	ug/l	100
66) Ethyl Benzene	11.965	91	1652923	158.236	ug/l	96
67) m/p-Xylenes	12.070	106	1242416	310.660	ug/l	100
68) o-Xylene	12.400	106	604062	156.582	ug/l	98
69) Styrene	12.412	104	1029762	159.199	ug/l	99
70) Isopropylbenzene	12.694	105	1528377	159.480	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	443836	142.885	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	600203	202.543	ug/l	69
73) Bromobenzene	12.982	156	370688	149.971	ug/l	97
74) n-propylbenzene	13.035	91	1804610	161.034	ug/l	99
75) 2-Chlorotoluene	13.123	91	1112415	152.433	ug/l	97
76) 1,3,5-Trimethylbenzene	13.170	105	1295565	158.223	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	177307	162.992	ug/l	90
78) 4-Chlorotoluene	13.223	91	1139441	154.535	ug/l	100
79) tert-butylbenzene	13.435	119	1114831	164.638	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	1321571	159.986	ug/l	98
81) sec-Butylbenzene	13.617	105	1521726	163.089	ug/l	100
82) p-Isopropyltoluene	13.729	119	1304826	166.431	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	699236	152.963	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	698605	154.663	ug/l	99
85) n-Butylbenzene	14.053	91	1148718	174.453	ug/l	99
86) Hexachloroethane	14.335	117	244372	152.408	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	680730	151.120	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	91914	153.355	ug/l	92
89) 1,2,4-Trichlorobenzene	15.841	180	369695	168.557	ug/l	96
90) Hexachlorobutadiene	15.500	225	151702	158.343	ug/l	94
91) Naphthalene	15.641	128	1260875	180.011	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	369695	168.557	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 91

Delta R.T. 0.006 min

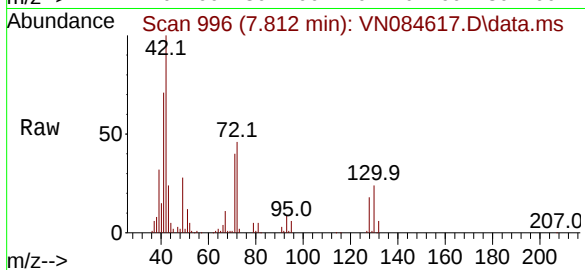
Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

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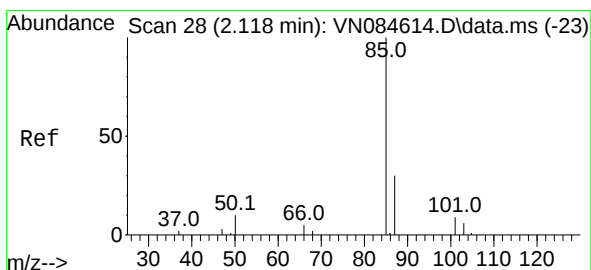
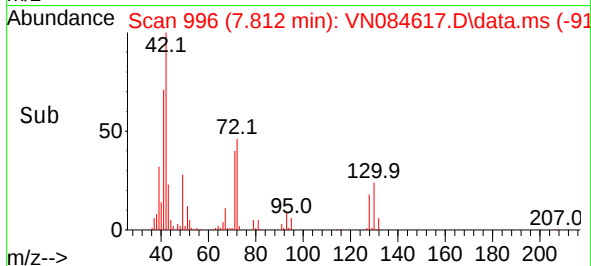
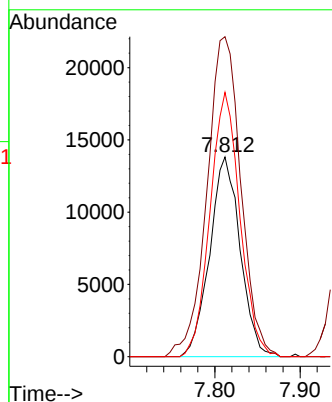
Tgt Ion:128 Resp: 34315

Ion Ratio Lower Upper

128 100

49 178.4 0.0 427.0

130 130.2 0.0 322.2



#2

Dichlorodifluoromethane

Concen: 150.135 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.006 min

Lab File: VN084617.D

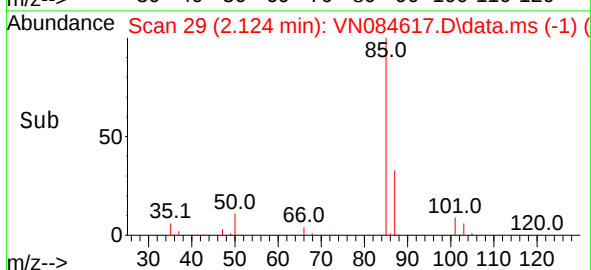
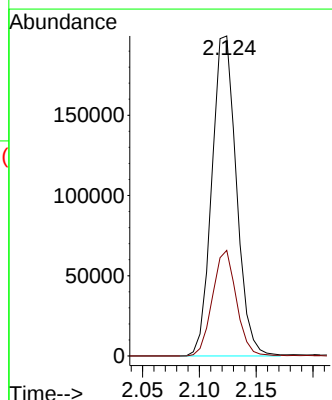
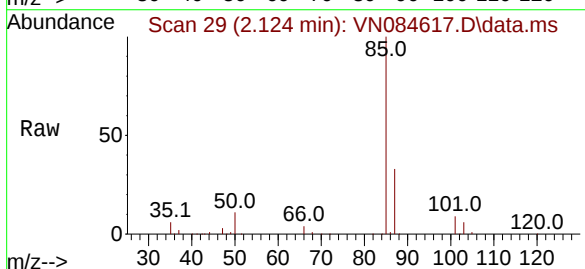
Acq: 31 Oct 2024 13:44

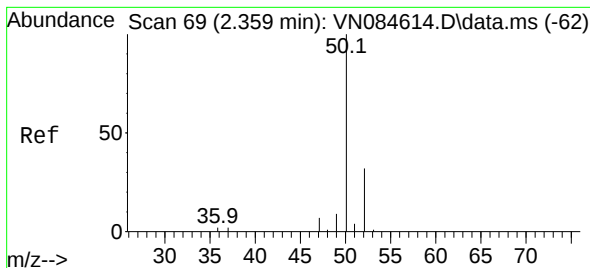
Tgt Ion: 85 Resp: 299645

Ion Ratio Lower Upper

85 100

87 33.0 14.9 44.9





#3

Chloromethane

Concen: 149.927 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

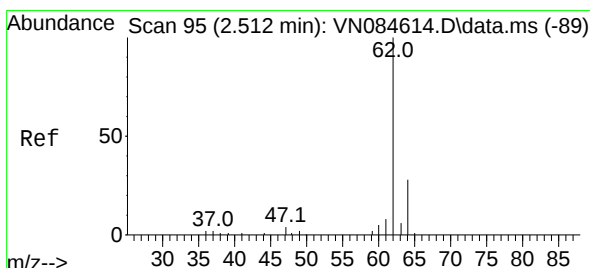
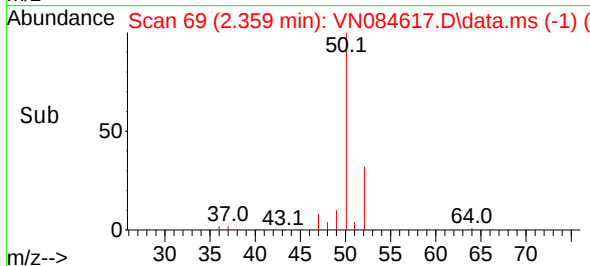
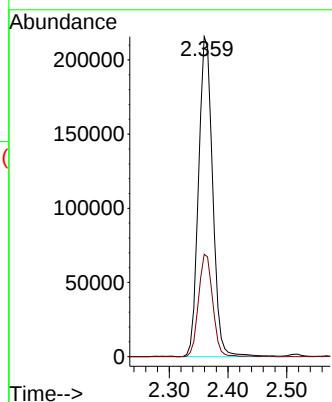
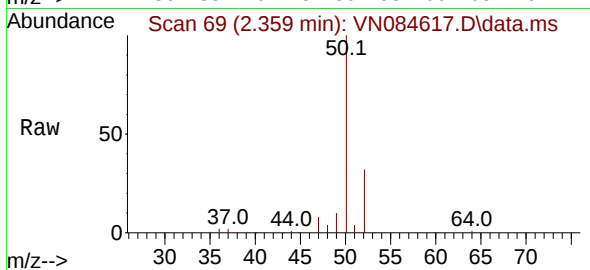
ClientSampleId :

Tgt Ion: 50 Resp: 360263

Ion Ratio Lower Upper

50 100

52 32.0 25.5 38.3



#4

Vinyl Chloride

Concen: 148.318 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN084617.D

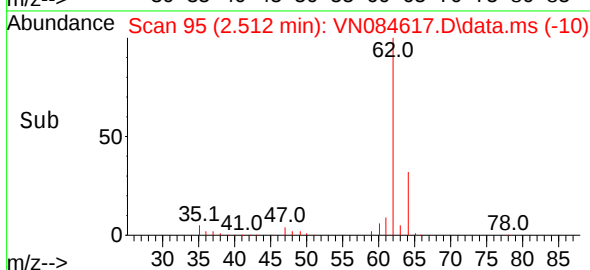
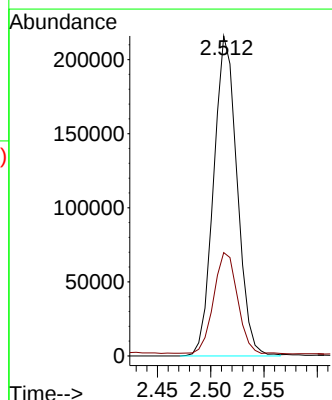
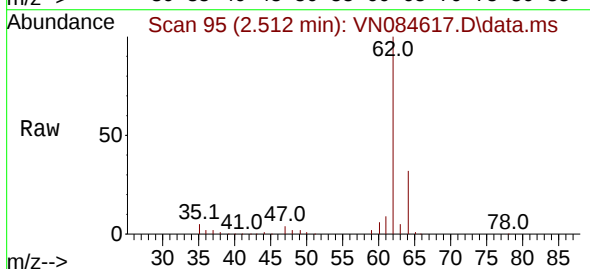
Acq: 31 Oct 2024 13:44

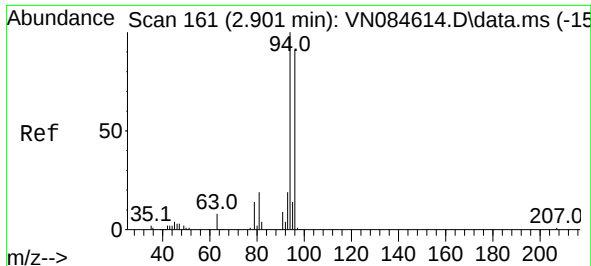
Tgt Ion: 62 Resp: 330947

Ion Ratio Lower Upper

62 100

64 31.5 23.1 34.7

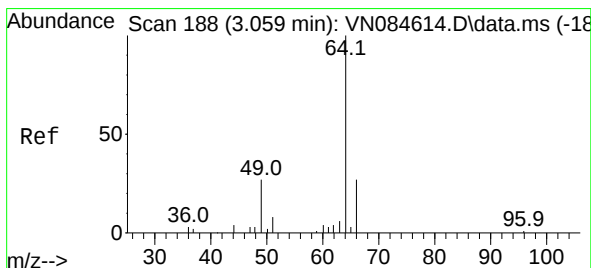
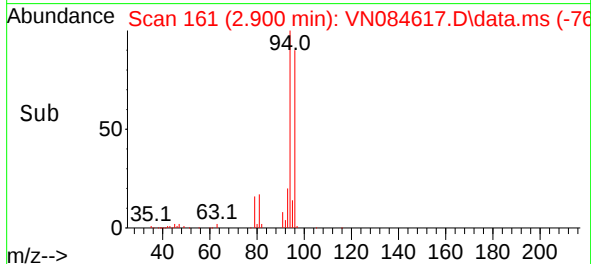
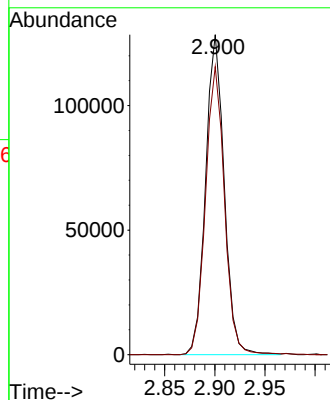
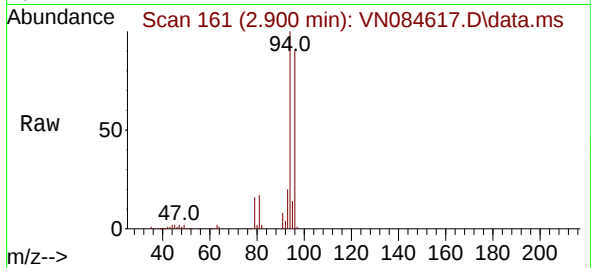




#5
Bromomethane
Concen: 146.755 ug/l
RT: 2.900 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

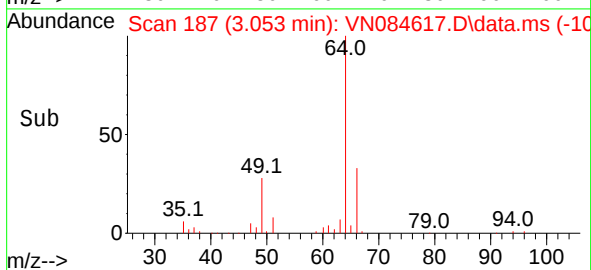
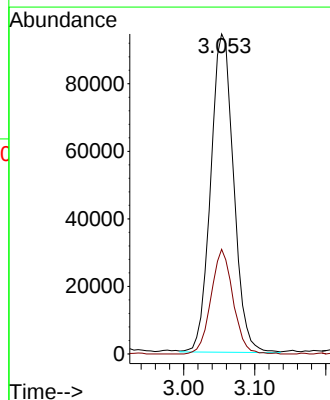
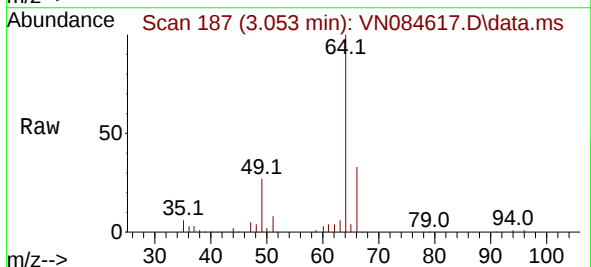
Instrument :
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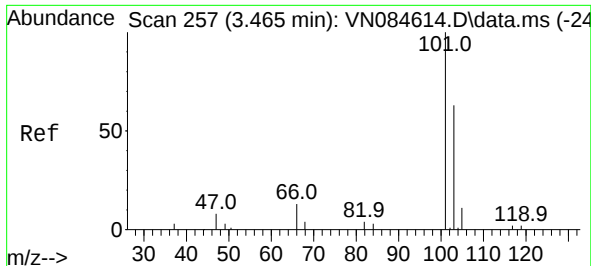
Tgt Ion: 94 Resp: 166205
Ion Ratio Lower Upper
94 100
96 90.0 72.7 109.1



#6
Chloroethane
Concen: 142.454 ug/l
RT: 3.053 min Scan# 187
Delta R.T. -0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 64 Resp: 211245
Ion Ratio Lower Upper
64 100
66 32.9 22.1 33.1

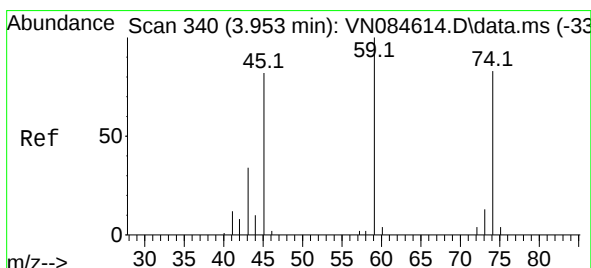
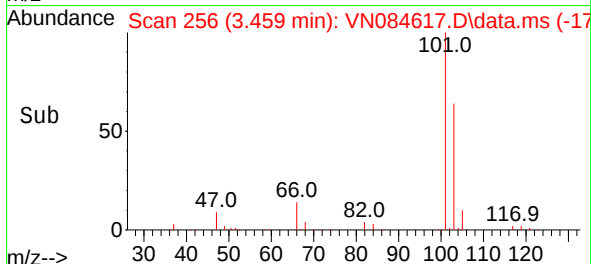
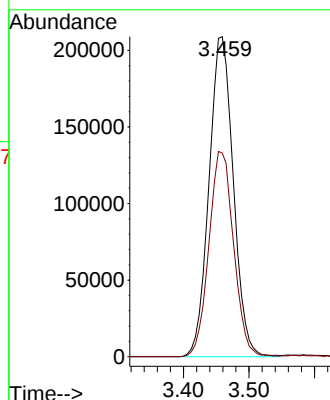
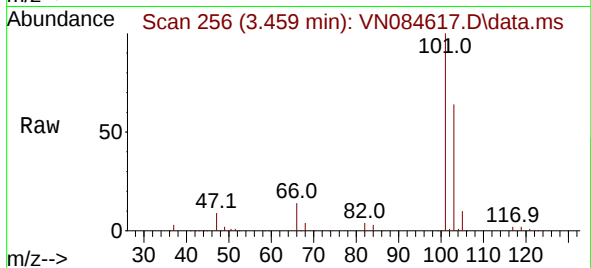




#7
 Trichlorofluoromethane
 Concen: 148.417 ug/l
 RT: 3.459 min Scan# 256
 Delta R.T. -0.006 min
 Lab File: VN084617.D
 Acq: 31 Oct 2024 13:44

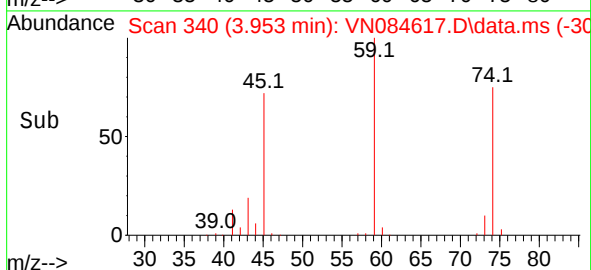
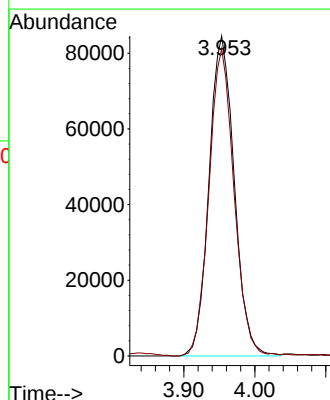
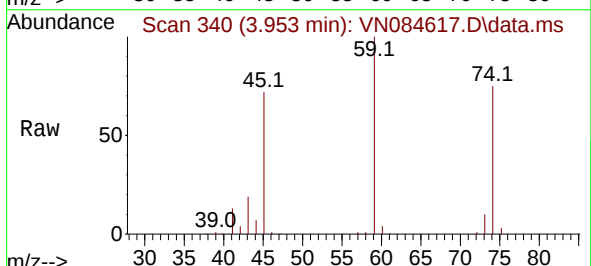
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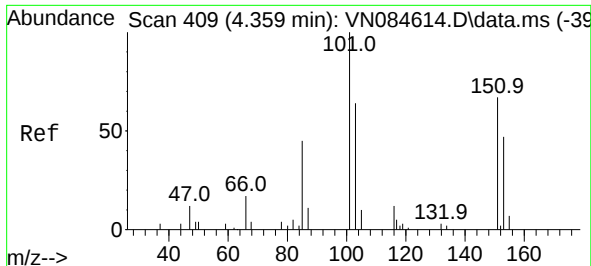
Tgt Ion:101 Resp: 537825
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 160.923 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN084617.D
 Acq: 31 Oct 2024 13:44

Tgt Ion: 74 Resp: 208008
 Ion Ratio Lower Upper
 74 100
 45 95.0 19.8 178.4

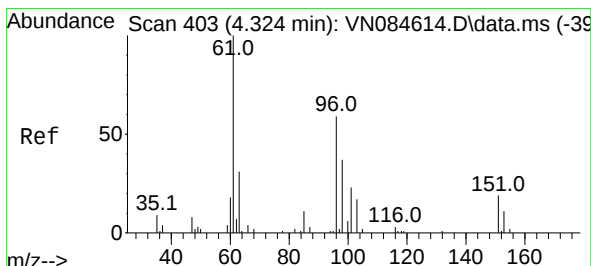
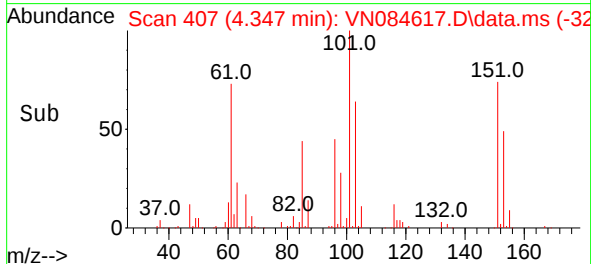
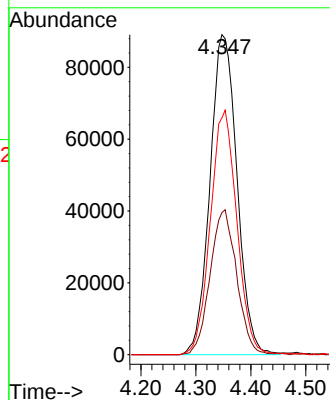
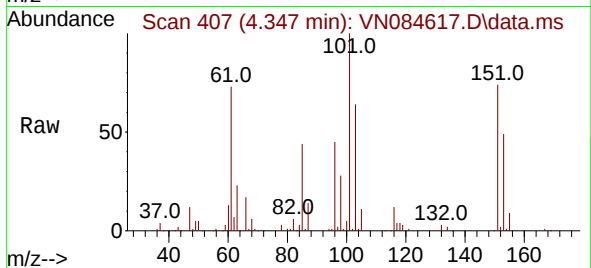




#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.885 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN084617.D
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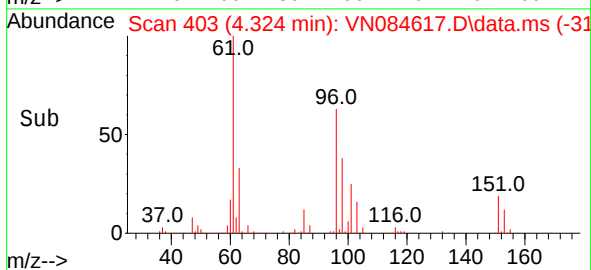
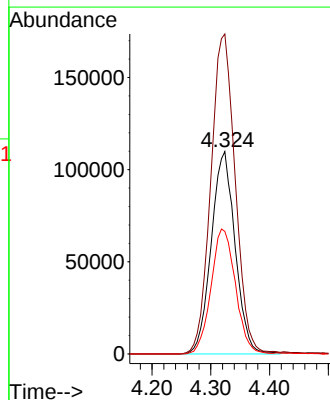
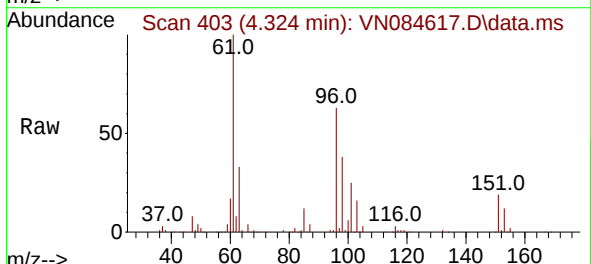
Instrument :
MSVOA_N
ClientSampleId :

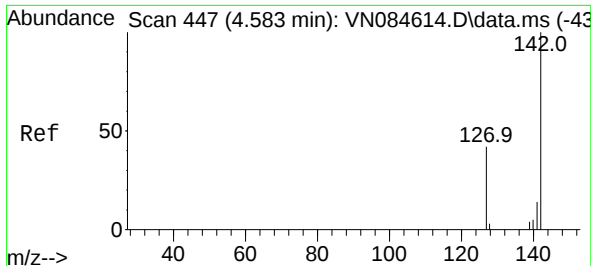
Tgt Ion:101 Resp: 304904
Ion Ratio Lower Upper
101 100
85 44.4 0.0 89.6
151 74.7 0.0 149.4



#10
1,1-Dichloroethene
Concen: 155.009 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

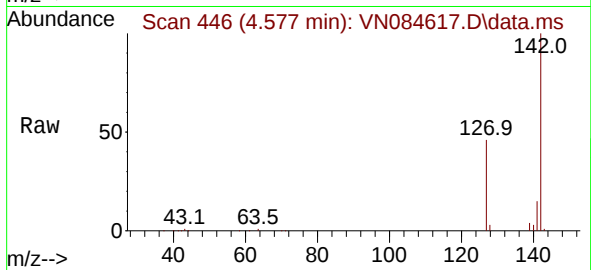
Tgt Ion: 96 Resp: 309990
Ion Ratio Lower Upper
96 100
61 158.0 135.1 202.7
98 60.5 50.4 75.6



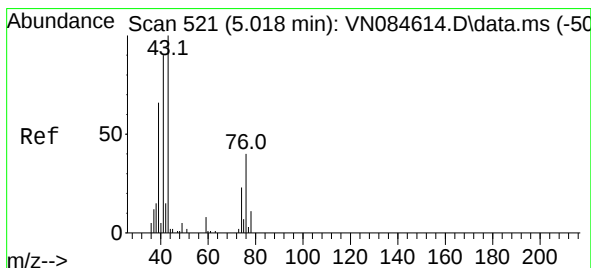
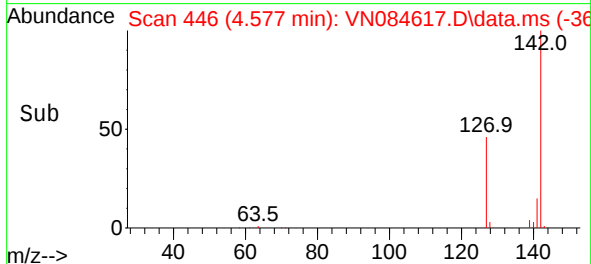
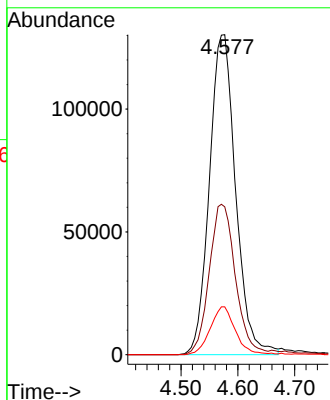


#11
Methyl Iodide
Concen: 152.116 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

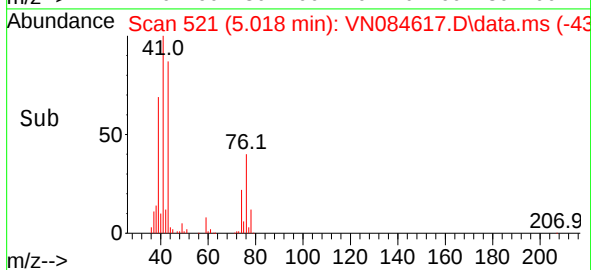
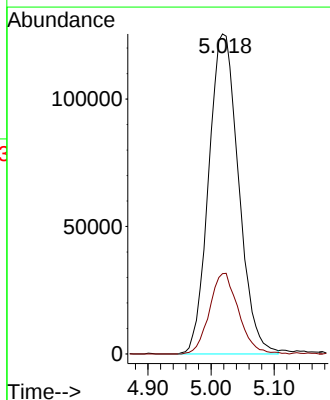
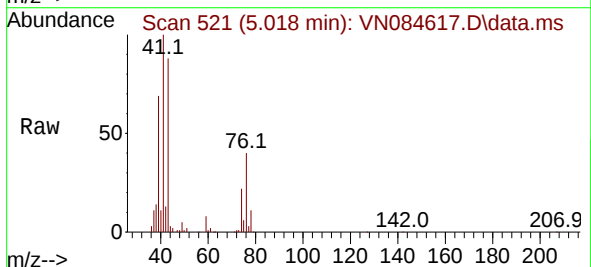


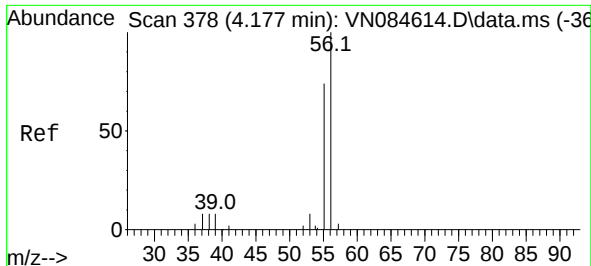
Tgt Ion:142 Resp: 418106
Ion Ratio Lower Upper
142 100
127 46.1 20.3 60.9
141 14.9 6.9 20.7



#12
Methyl Acetate
Concen: 132.418 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 43 Resp: 413207
Ion Ratio Lower Upper
43 100
74 25.0 19.0 28.4

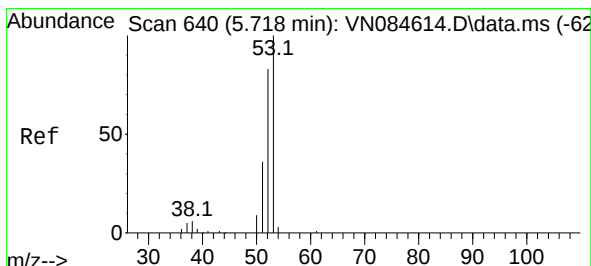
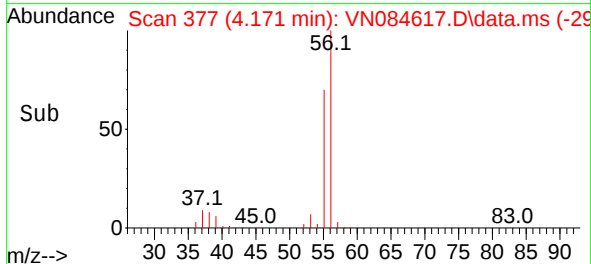
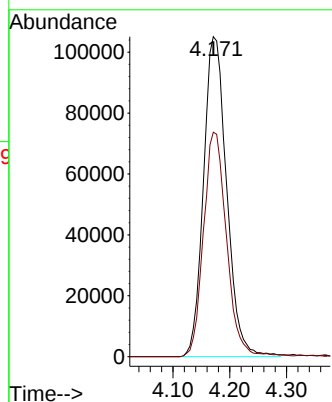
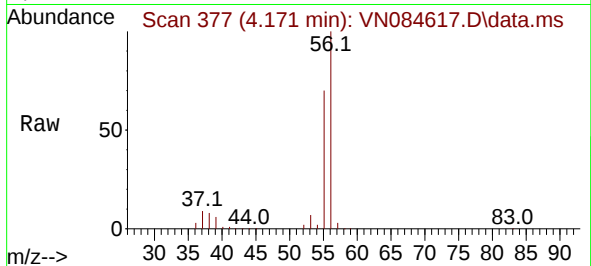




#13
Acrolein
Concen: 773.843 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

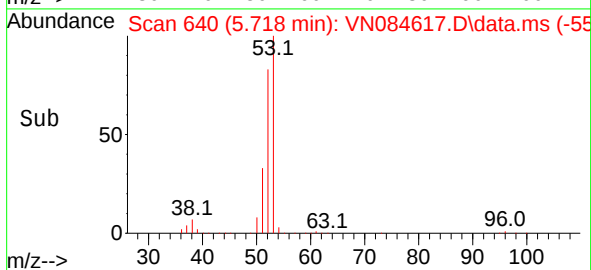
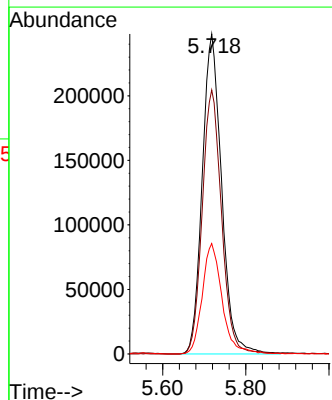
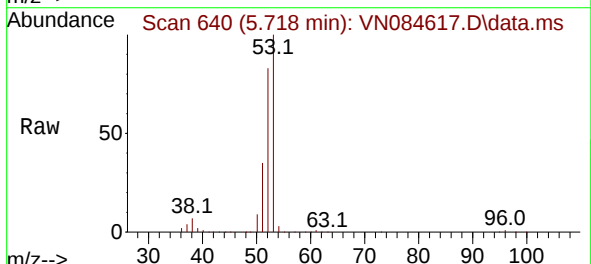
Instrument :
MSVOA_N
ClientSampleId :

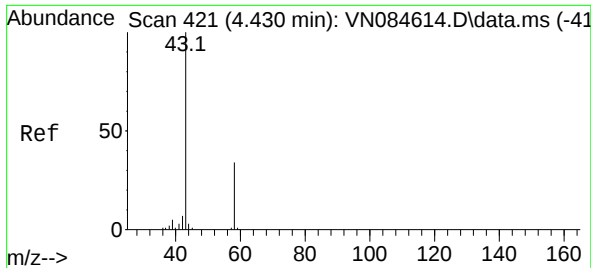
Tgt Ion: 56 Resp: 297469
Ion Ratio Lower Upper
56 100
55 69.2 56.7 85.1



#14
Acrylonitrile
Concen: 787.881 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 53 Resp: 803457
Ion Ratio Lower Upper
53 100
52 81.6 41.6 124.9
51 35.1 18.2 54.6

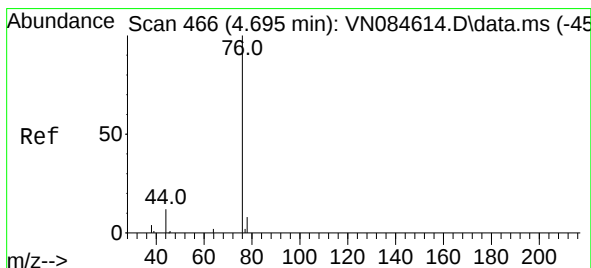
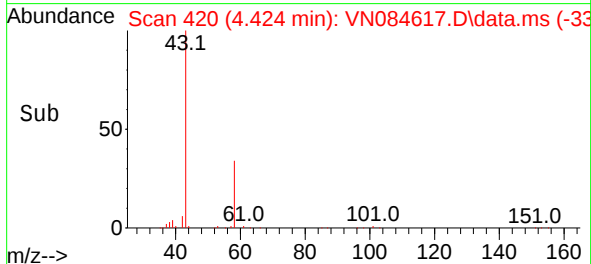
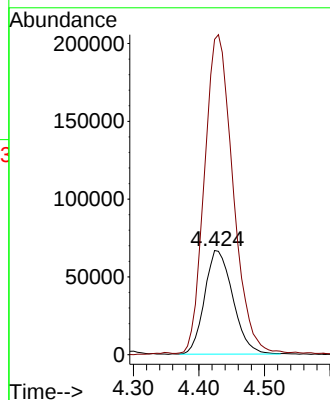
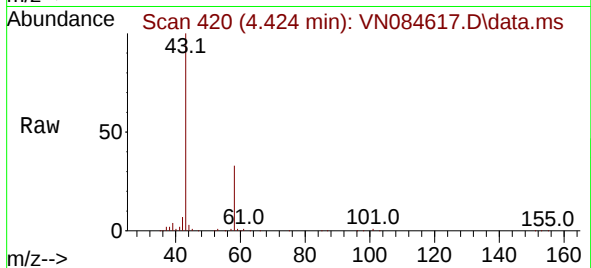




#15
Acetone
Concen: 762.223 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

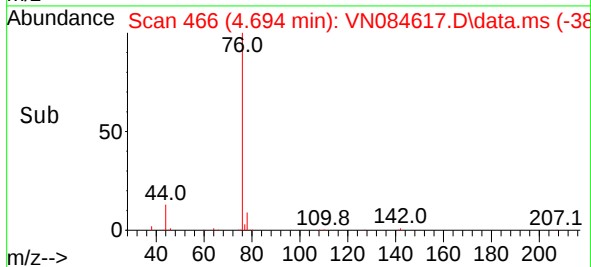
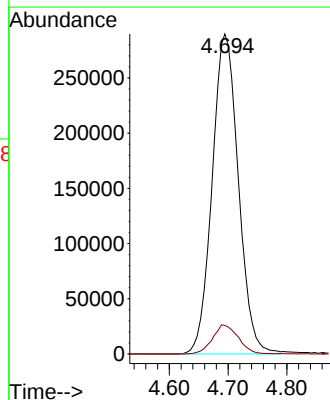
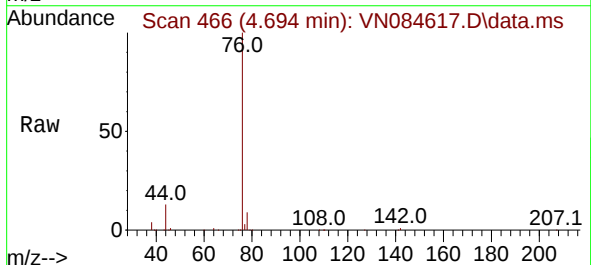
Instrument :
MSVOA_N
ClientSampleId :

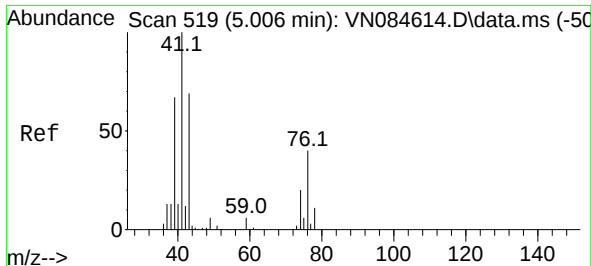
Tgt Ion: 58 Resp: 199728
Ion Ratio Lower Upper
58 100
43 302.8 233.0 349.6



#16
Carbon Disulfide
Concen: 152.651 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 76 Resp: 898255
Ion Ratio Lower Upper
76 100
78 8.9 6.6 9.8





#17

Allyl chloride

Concen: 160.886 ug/l

RT: 5.012 min Scan# 519

Delta R.T. 0.006 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

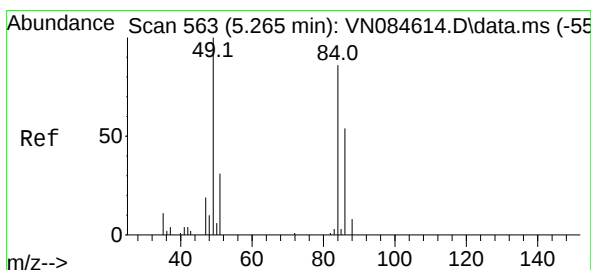
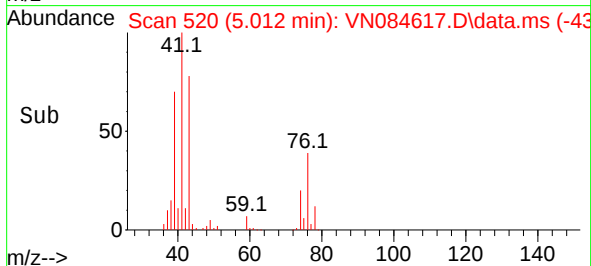
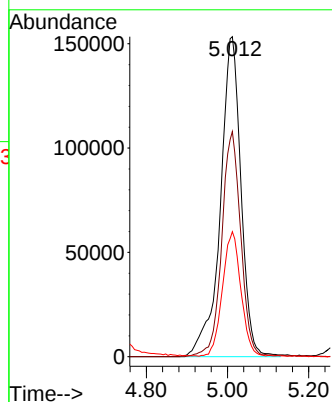
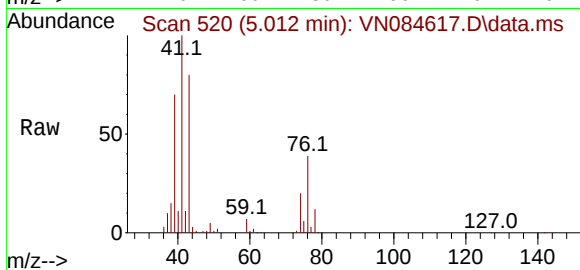
Tgt Ion: 41 Resp: 542863

Ion Ratio Lower Upper

41 100

39 70.4 33.4 100.2

76 38.8 20.2 60.6



#18

Methylene Chloride

Concen: 146.714 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Tgt Ion: 84 Resp: 343819

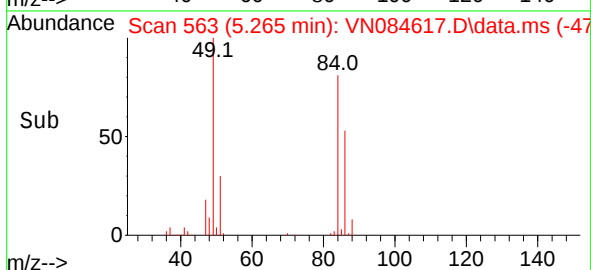
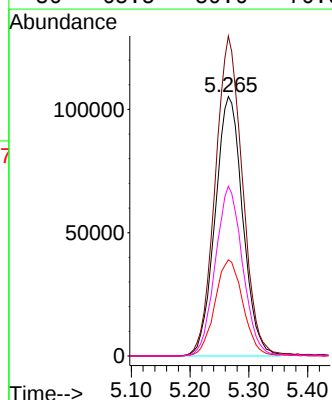
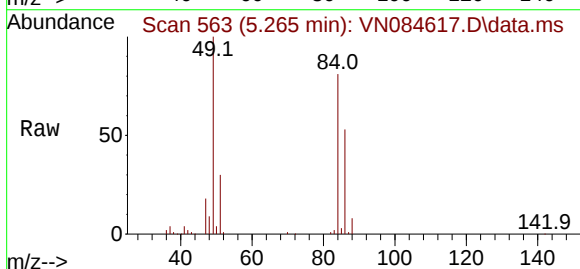
Ion Ratio Lower Upper

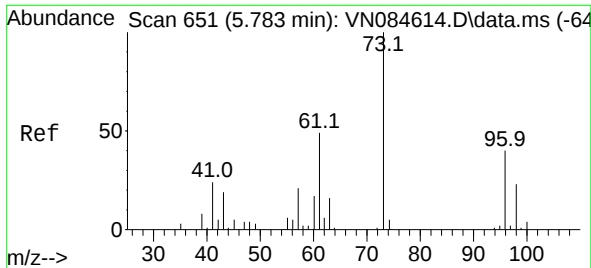
84 100

49 123.4 93.0 139.6

51 37.1 28.9 43.3

86 65.5 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 151.754 ug/l

RT: 5.777 min Scan# 651

Delta R.T. -0.006 min

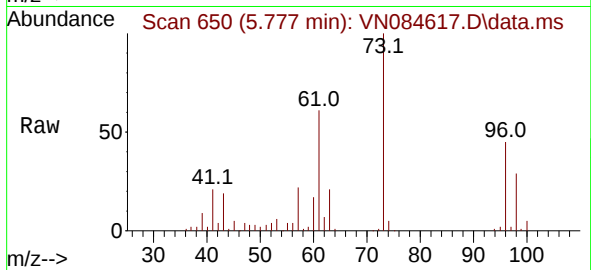
Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :



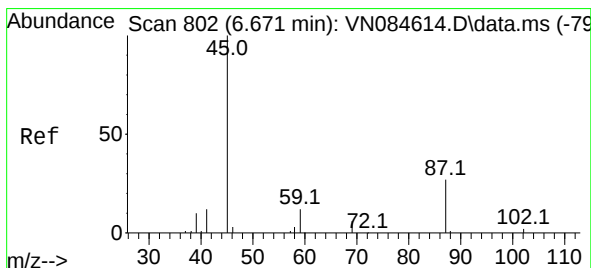
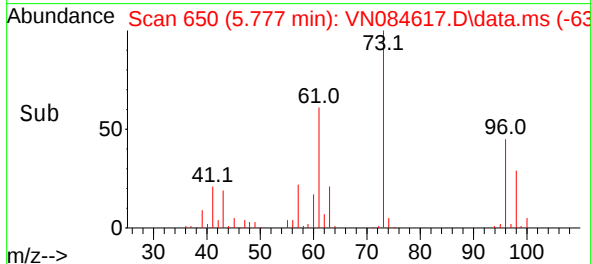
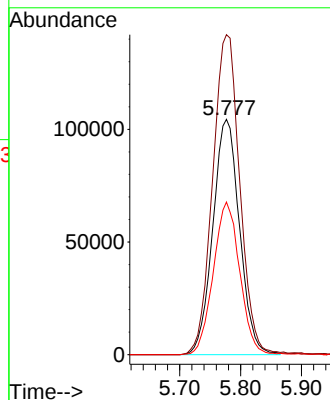
Tgt Ion: 96 Resp: 318103

Ion Ratio Lower Upper

96 100

61 136.0 98.1 147.1

98 64.9 46.6 69.8



#20

Diisopropyl ether

Concen: 157.183 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Tgt Ion: 45 Resp: 1072240

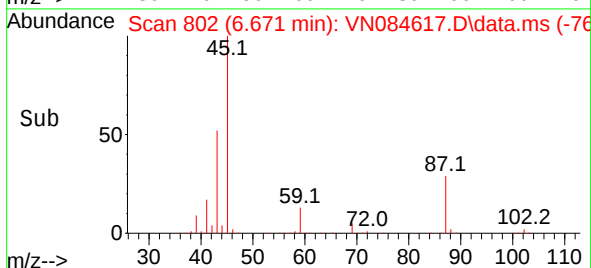
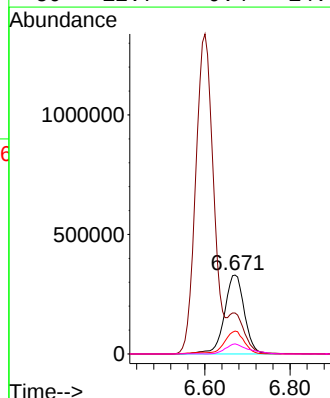
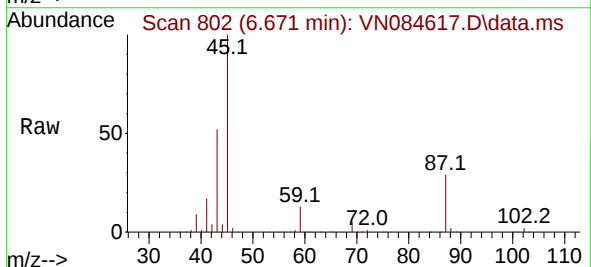
Ion Ratio Lower Upper

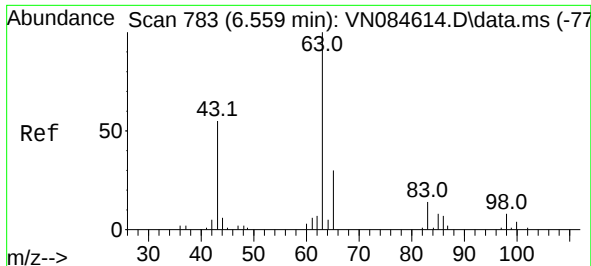
45 100

43 51.1 42.6 64.0

87 28.9 23.0 34.4

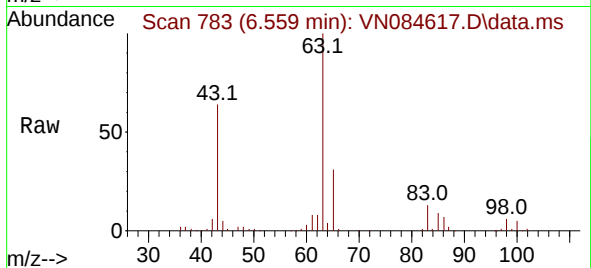
59 12.7 9.4 14.0



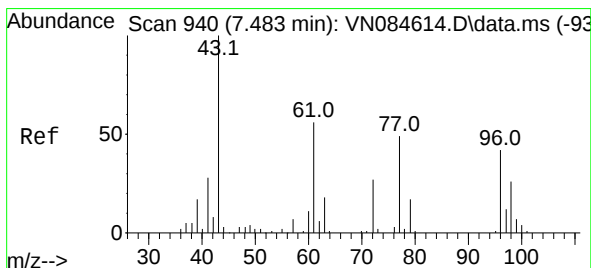
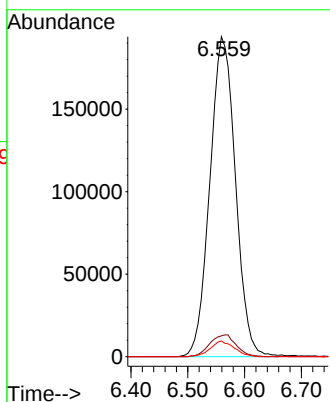
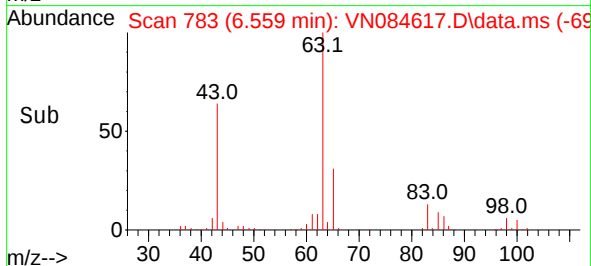


#21
1,1-Dichloroethane
Concen: 147.807 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

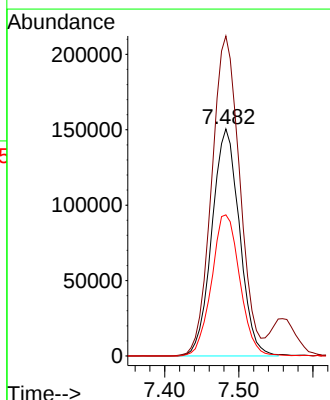
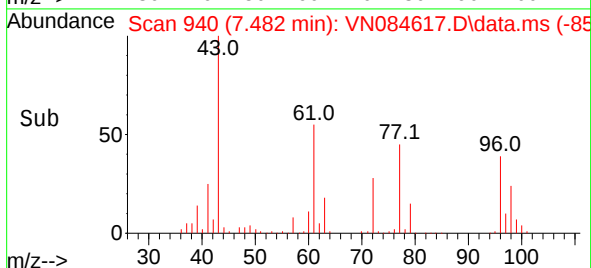
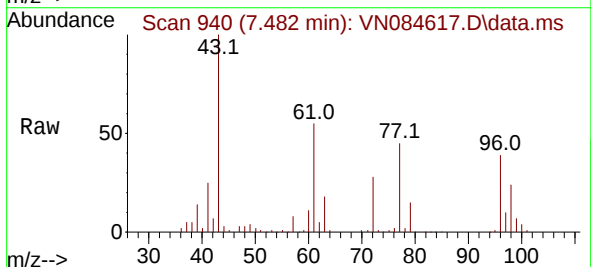


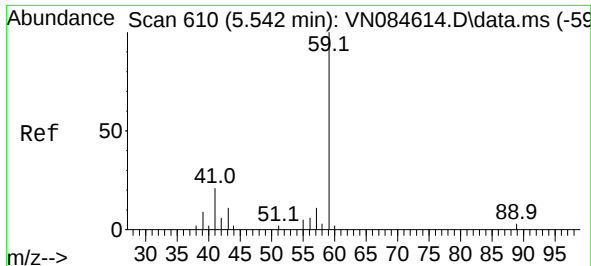
Tgt Ion: 63 Resp: 606359
Ion Ratio Lower Upper
63 100
98 6.5 3.8 11.4
100 4.9 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 155.576 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 96 Resp: 389337
Ion Ratio Lower Upper
96 100
61 143.2 121.8 182.8
98 63.6 53.2 79.8

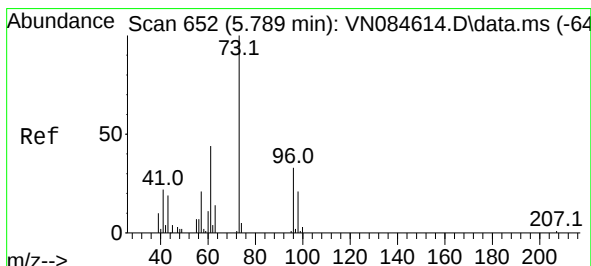
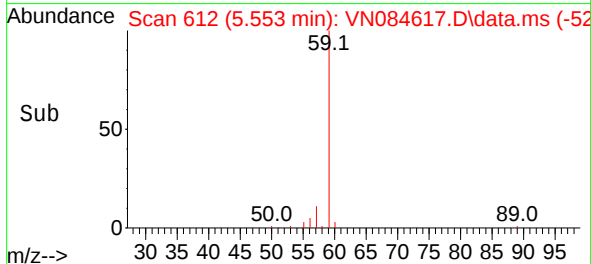
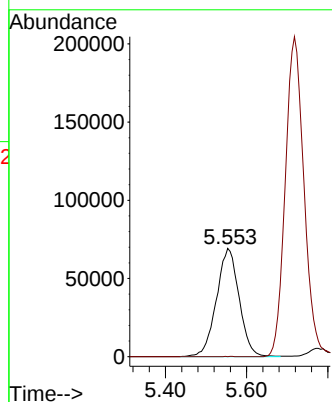
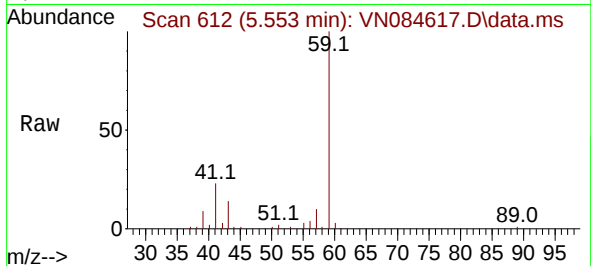




#23
tert-Butyl Alcohol
Concen: 754.978 ug/l
RT: 5.553 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

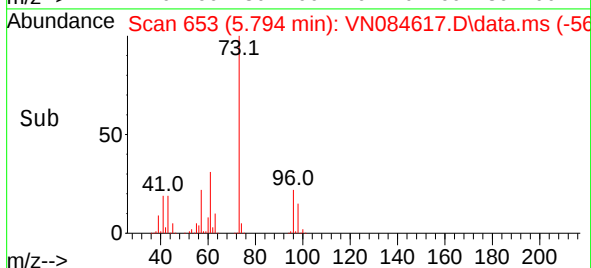
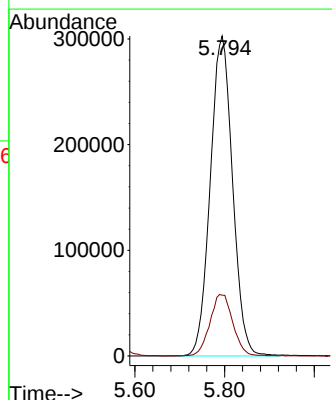
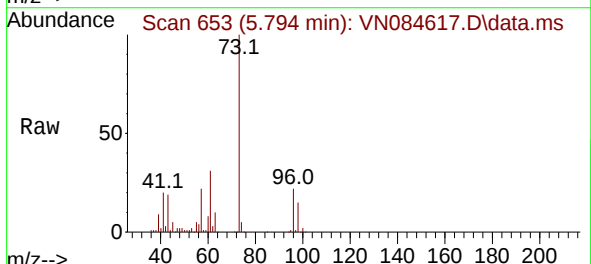
Instrument :
MSVOA_N
ClientSampleId :

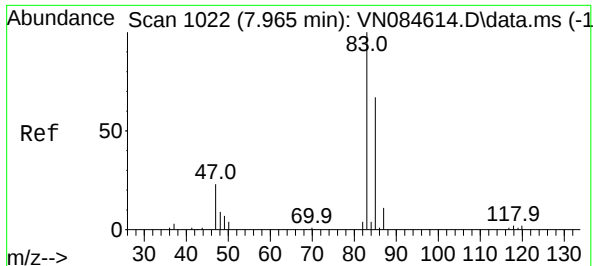
Tgt Ion: 59 Resp: 268783
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 161.805 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 73 Resp: 1046401
Ion Ratio Lower Upper
73 100
43 19.7 16.5 24.7

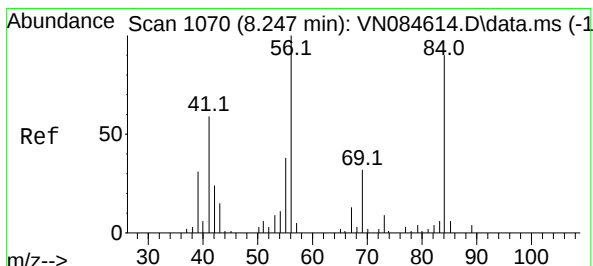
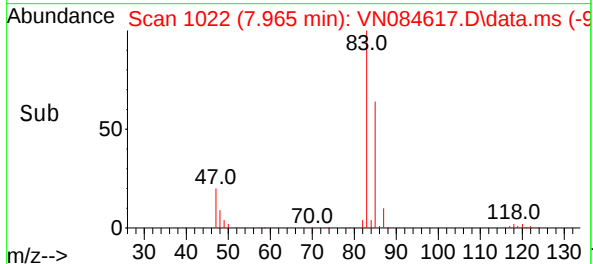
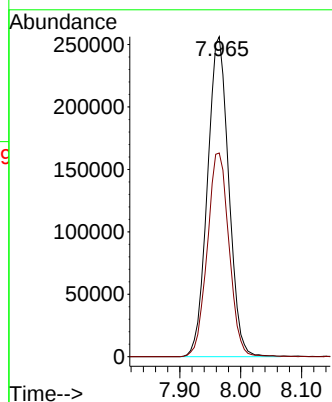
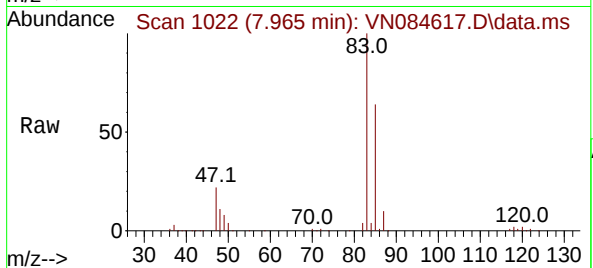




#25
Chloroform
Concen: 148.078 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

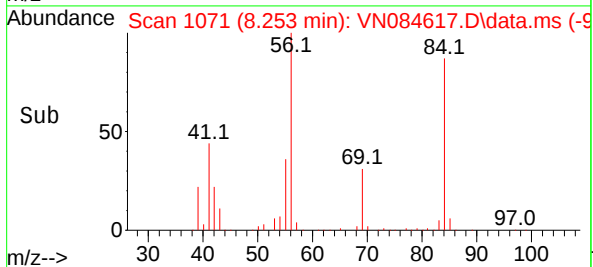
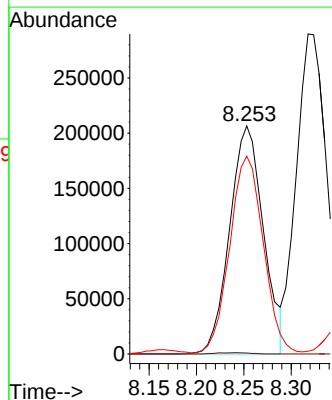
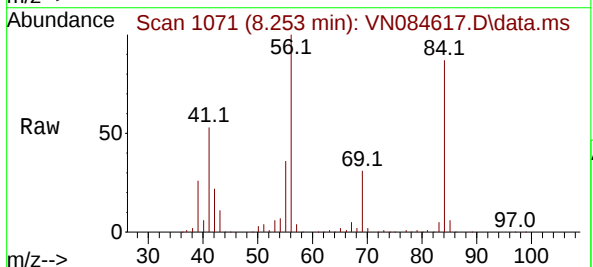
Instrument :
MSVOA_N
ClientSampleId :

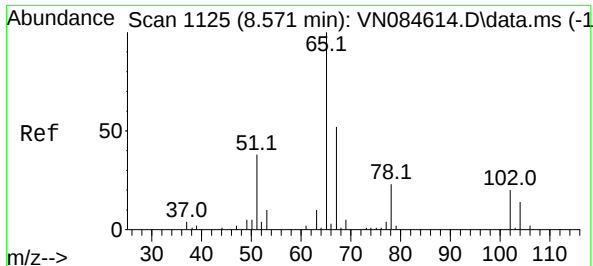
Tgt Ion: 83 Resp: 622385
Ion Ratio Lower Upper
83 100
85 63.6 53.4 80.2



#26
Cyclohexane
Concen: 163.276 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 56 Resp: 511647
Ion Ratio Lower Upper
56 100
89 0.3 3.0 4.4#
84 86.8 70.6 106.0

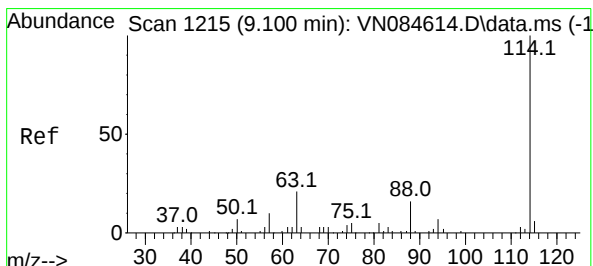
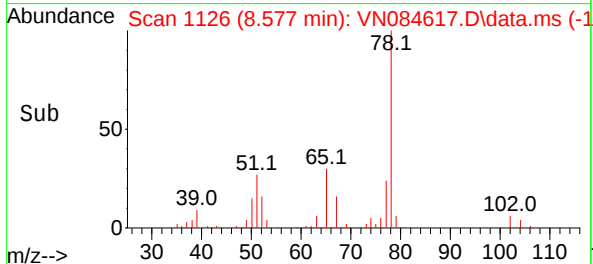
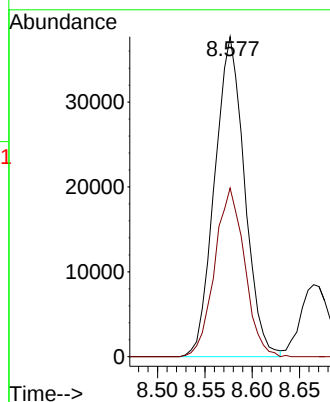
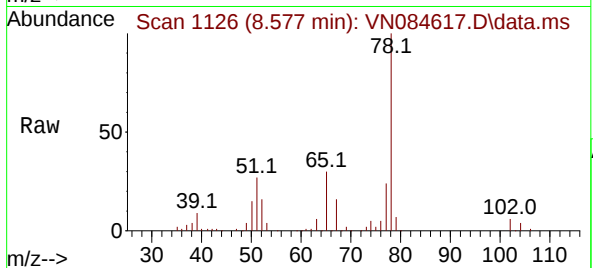




#27
1,2-Dichloroethane-d4
Concen: 30.008 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

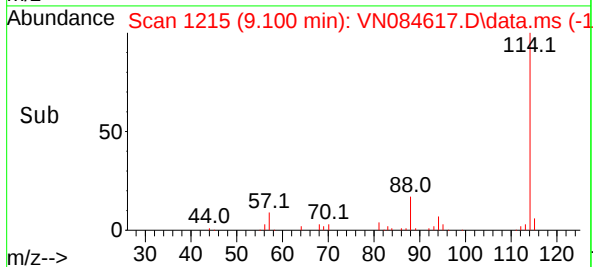
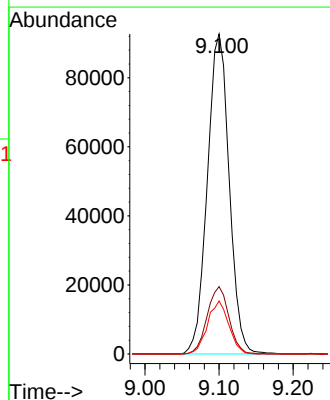
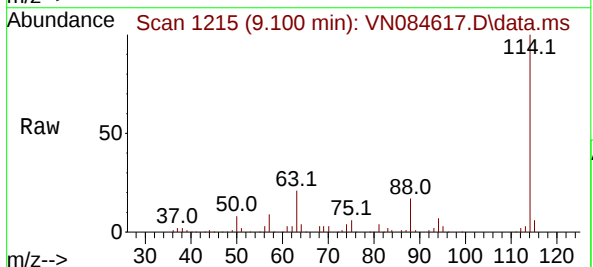
Instrument :
MSVOA_N
ClientSampleId :

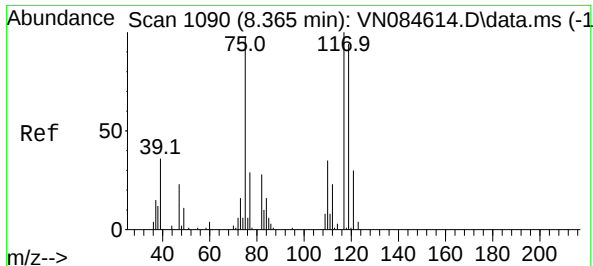
Tgt Ion: 65 Resp: 82785
Ion Ratio Lower Upper
65 100
67 52.5 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion:114 Resp: 189928
Ion Ratio Lower Upper
114 100
63 20.9 16.8 25.2
88 16.1 12.9 19.3

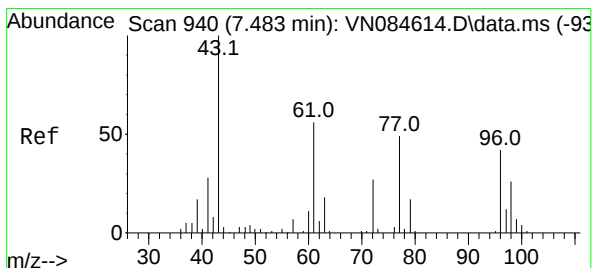
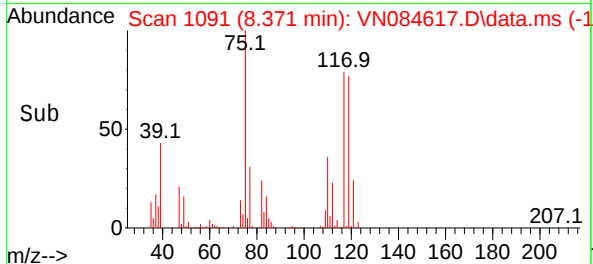
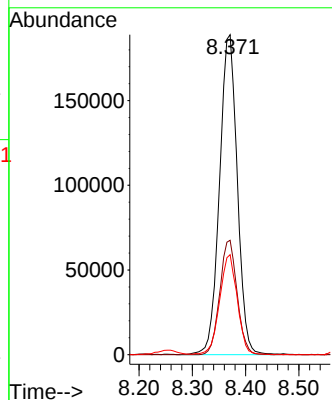
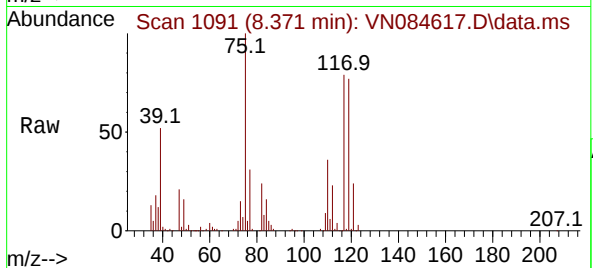




#29
1,1-Dichloropropene
Concen: 153.006 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

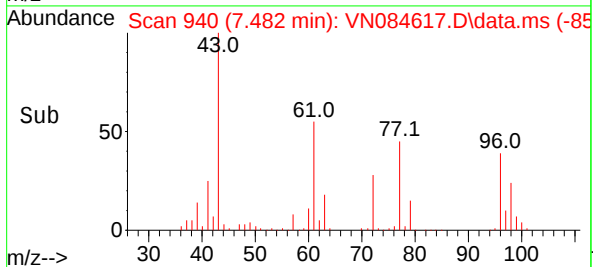
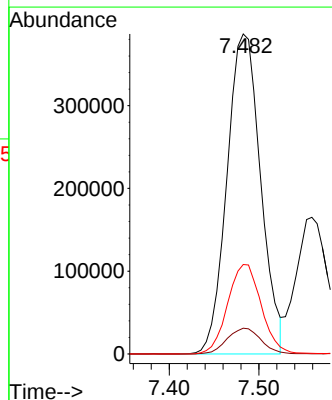
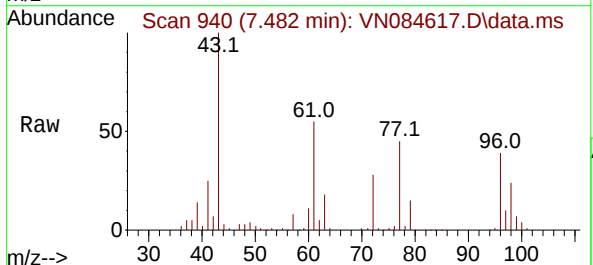
Instrument :
MSVOA_N
ClientSampleId :

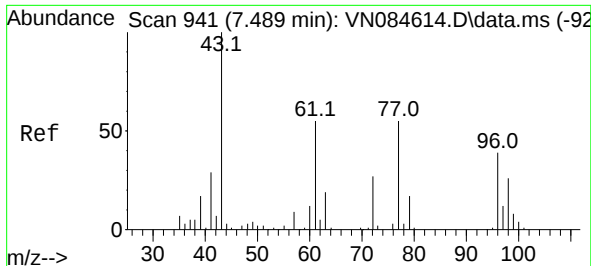
Tgt Ion: 75 Resp: 437707
Ion Ratio Lower Upper
75 100
110 34.7 0.0 69.4
77 30.7 0.0 62.0



#30
2-Butanone
Concen: 764.664 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 43 Resp: 1009048
Ion Ratio Lower Upper
43 100
57 8.1 6.2 9.4
72 27.9 21.5 32.3





#31

2,2-Dichloropropane

Concen: 145.502 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

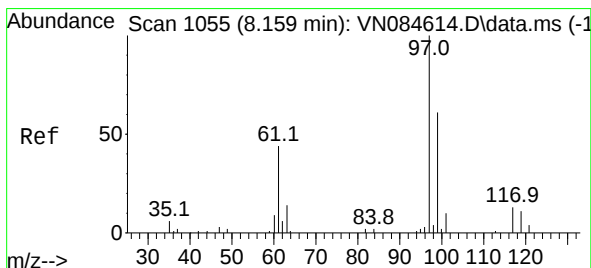
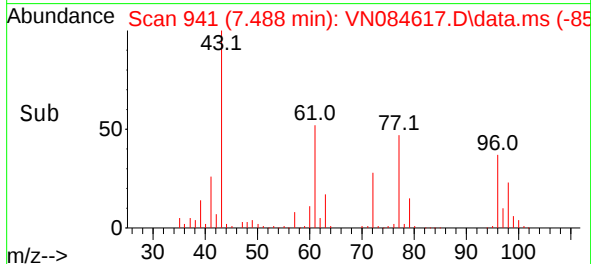
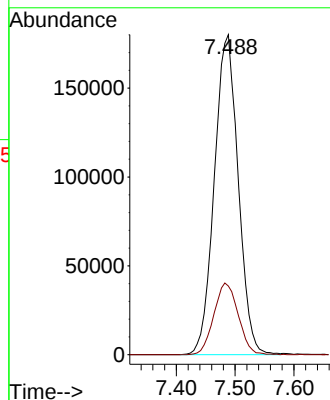
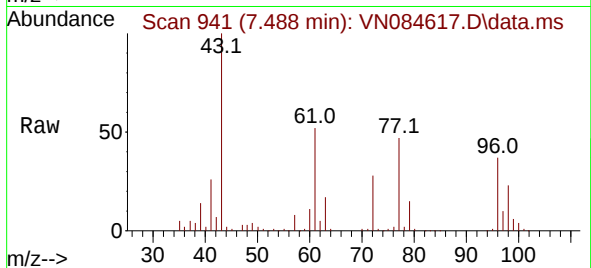
ClientSampleId :

Tgt Ion: 77 Resp: 508098

Ion Ratio Lower Upper

77 100

97 22.8 17.4 26.2



#32

1,1,1-Trichloroethane

Concen: 145.389 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

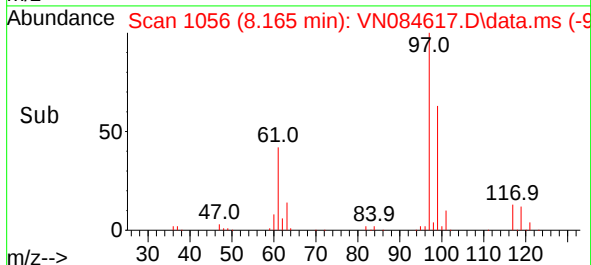
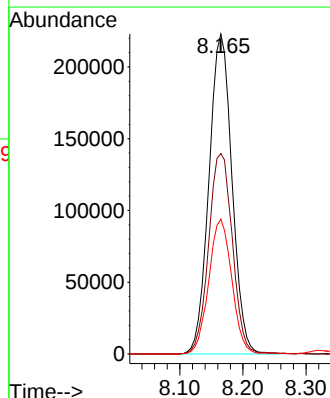
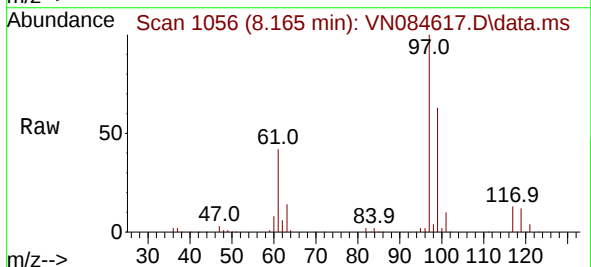
Tgt Ion: 97 Resp: 565049

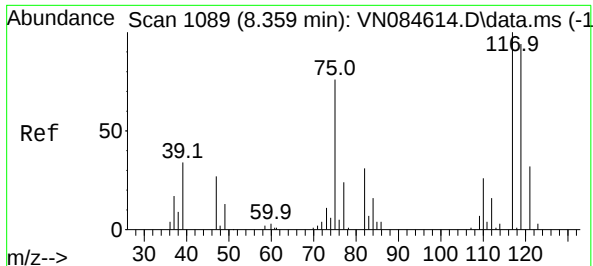
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

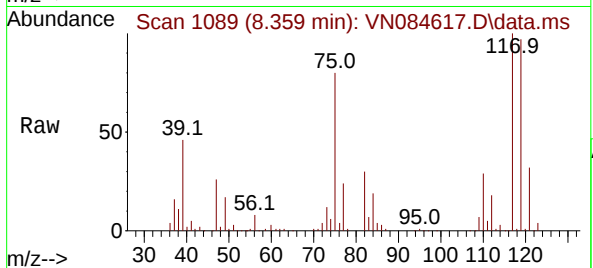
61 42.0 34.2 51.4



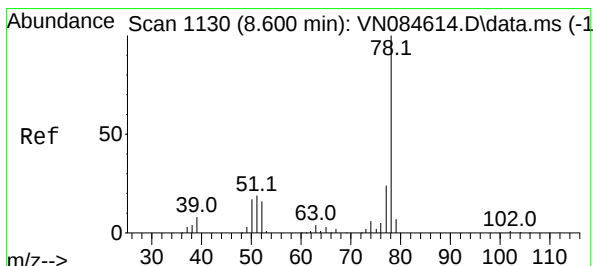
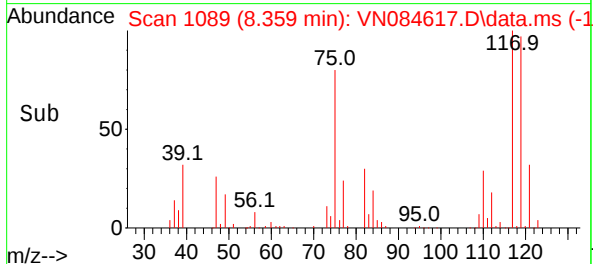
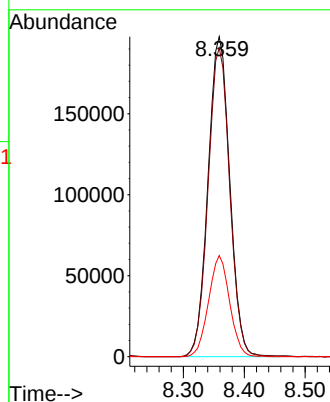


#33
Carbon Tetrachloride
Concen: 147.903 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

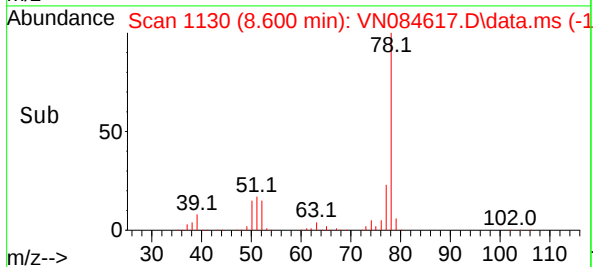
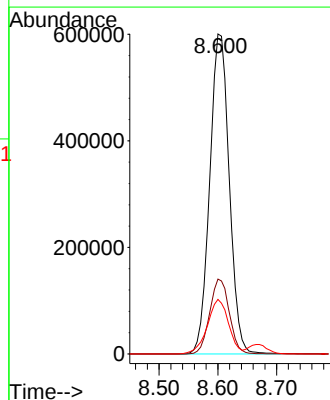
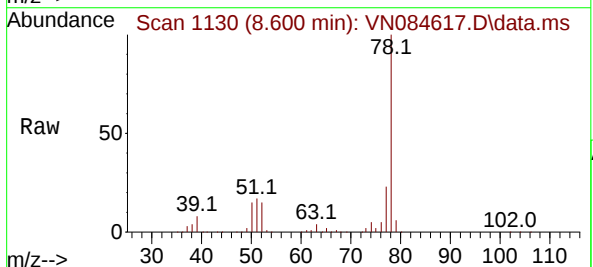


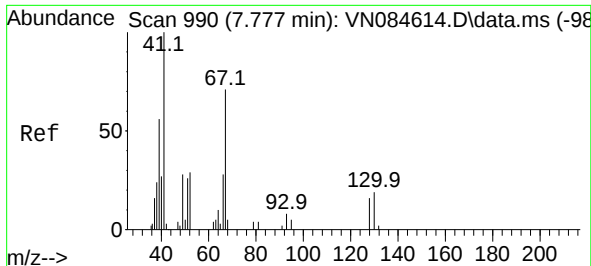
Tgt Ion:117 Resp: 490498
Ion Ratio Lower Upper
117 100
119 96.5 75.7 113.5
121 31.6 25.4 38.0



#34
Benzene
Concen: 146.447 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 78 Resp: 1384757
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9
51 17.0 16.1 24.1





#35

Methacrylonitrile

Concen: 156.925 ug/l

RT: 7.777 min Scan# 990

Delta R.T. -0.000 min MSVOA_N

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 41 Resp: 245428

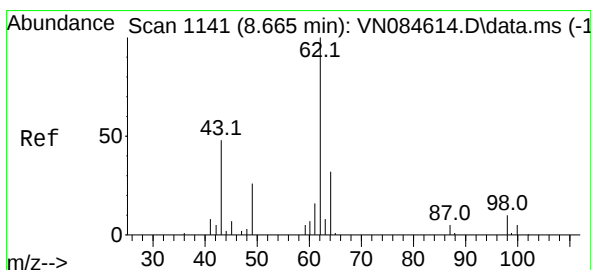
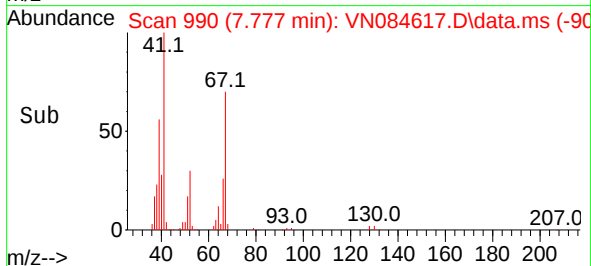
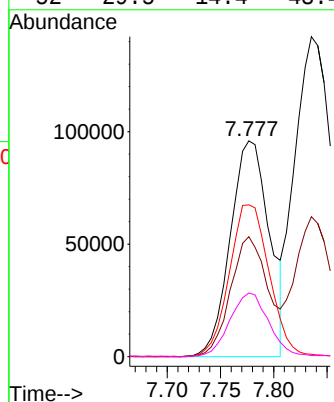
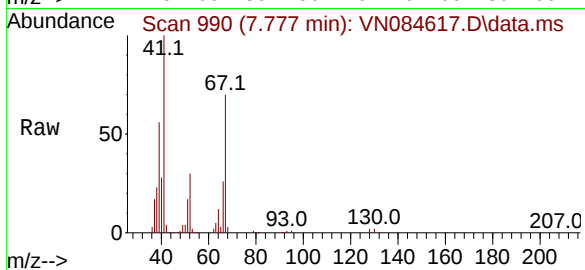
Ion Ratio Lower Upper

41 100

39 55.6 28.2 84.6

67 70.4 35.6 106.8

52 29.5 14.4 43.4



#36

1,2-Dichloroethane

Concen: 146.236 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.000 min

Lab File: VN084617.D

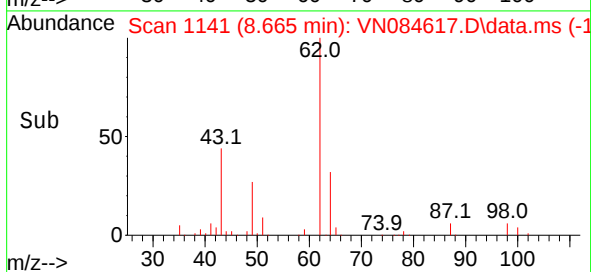
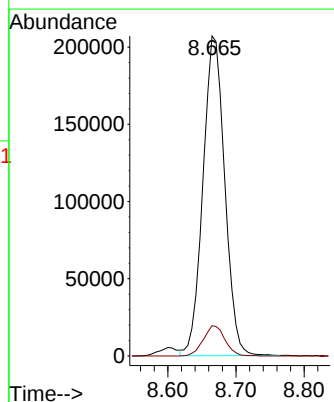
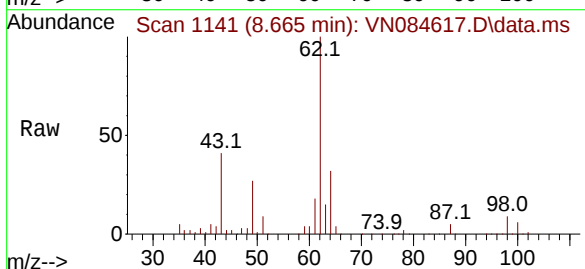
Acq: 31 Oct 2024 13:44

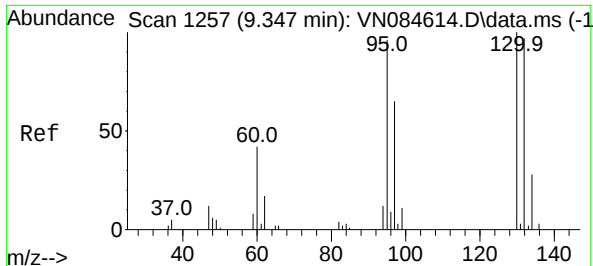
Tgt Ion: 62 Resp: 459837

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.6





#37

Trichloroethene

Concen: 150.657 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.000 min MSVOA_N

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

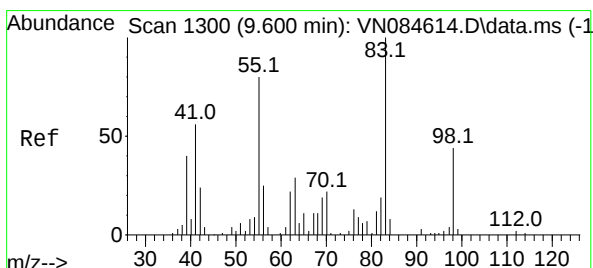
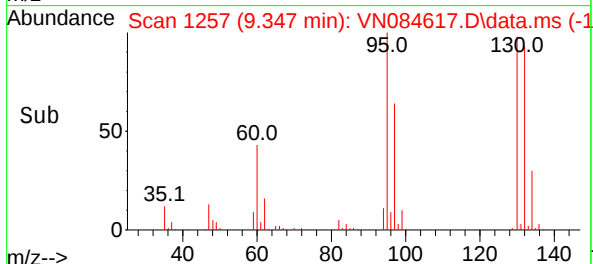
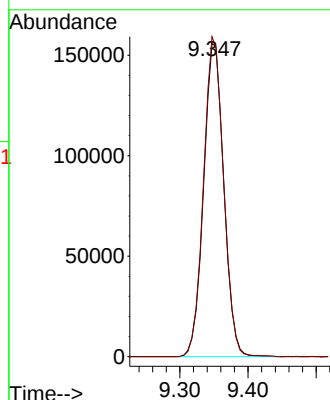
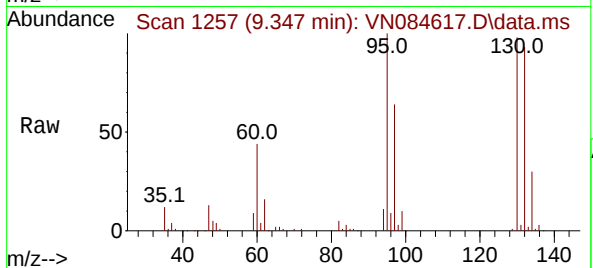
ClientSampleId :

Tgt Ion:130 Resp: 321371

Ion Ratio Lower Upper

130 100

95 102.2 76.6 115.0



#38

Methylcyclohexane

Concen: 162.217 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

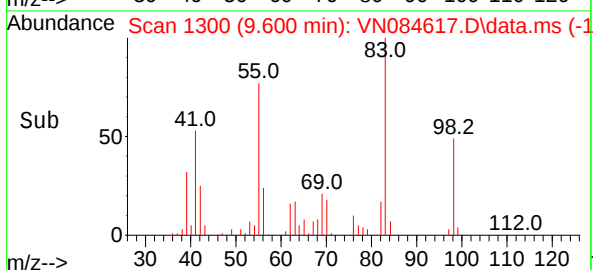
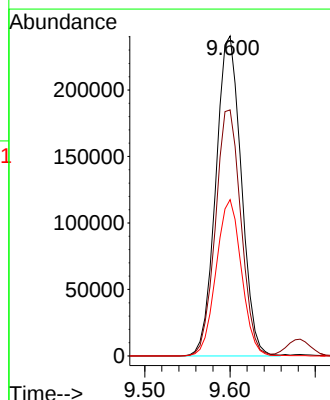
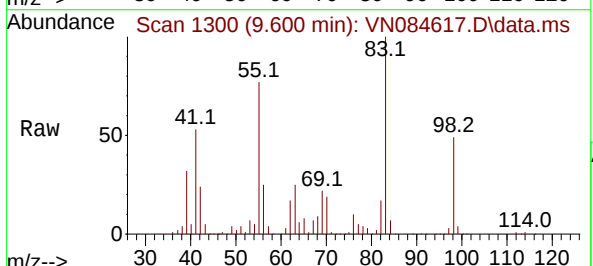
Tgt Ion: 83 Resp: 499572

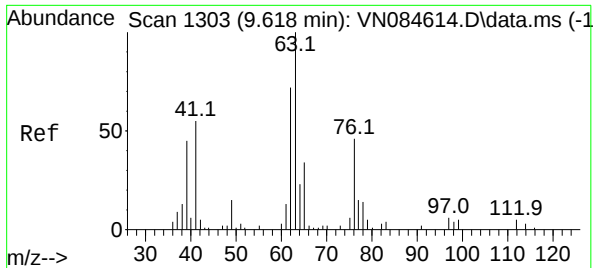
Ion Ratio Lower Upper

83 100

55 77.1 39.6 118.8

98 48.6 23.2 69.5

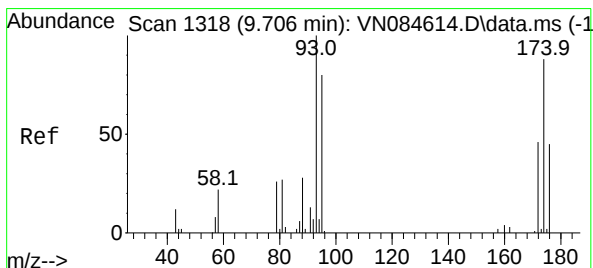
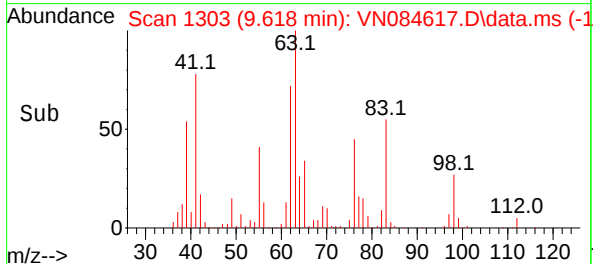
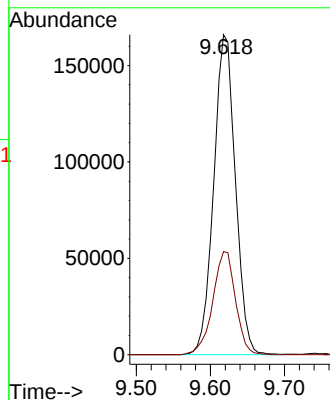
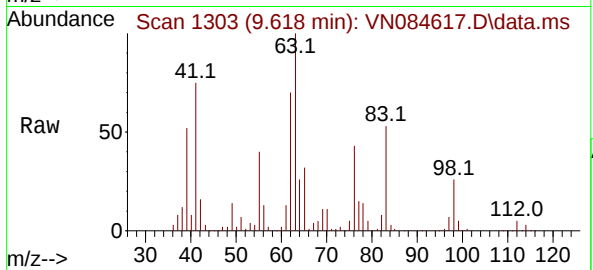




#39
1,2-Dichloropropane
Concen: 148.284 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

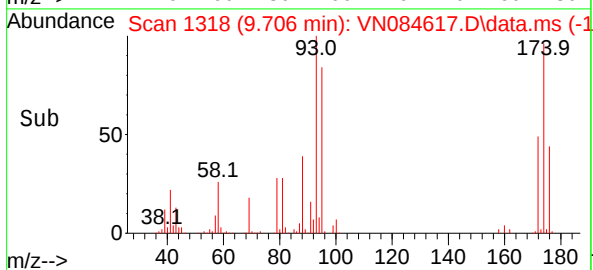
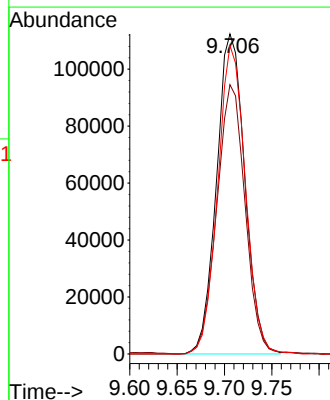
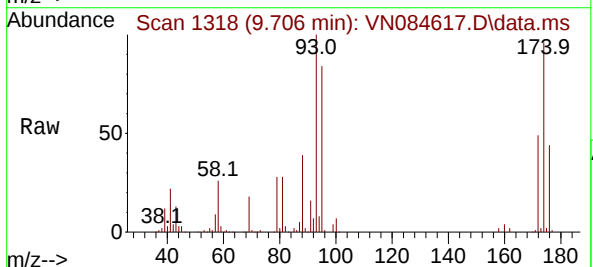
Instrument :
MSVOA_N
ClientSampleId :

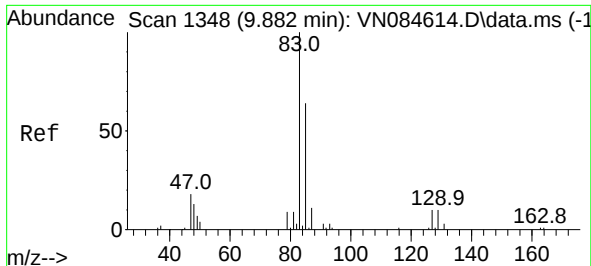
Tgt Ion: 63 Resp: 337522
Ion Ratio Lower Upper
63 100
65 32.2 27.8 41.8



#40
Dibromomethane
Concen: 146.393 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 93 Resp: 233108
Ion Ratio Lower Upper
93 100
95 84.1 0.0 168.4
174 94.3 0.0 183.4

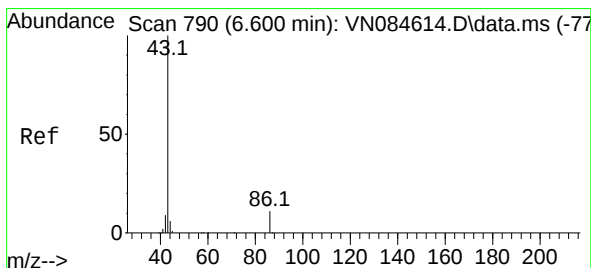
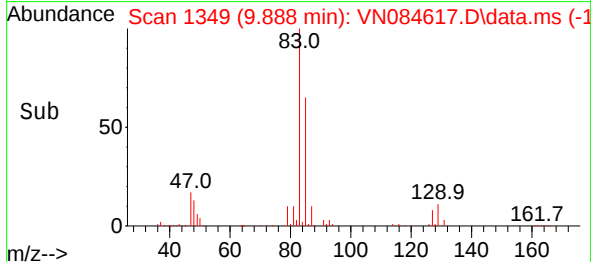
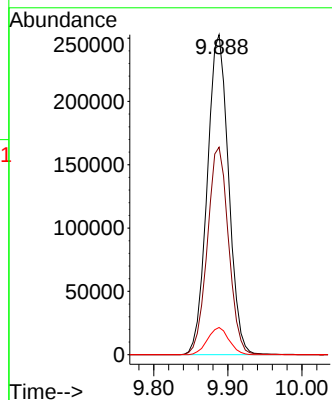
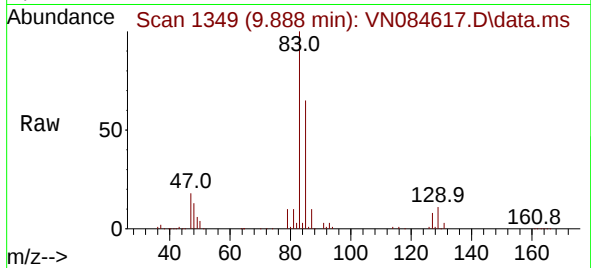




#41
Bromodichloromethane
Concen: 147.833 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

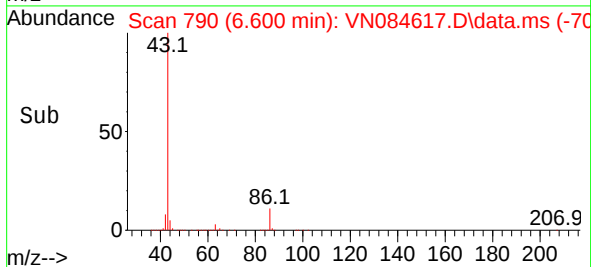
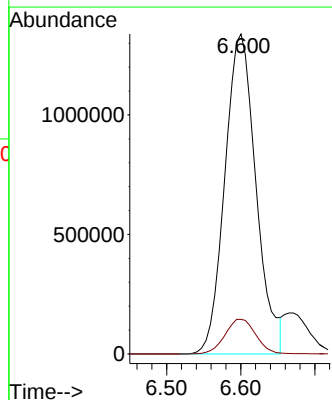
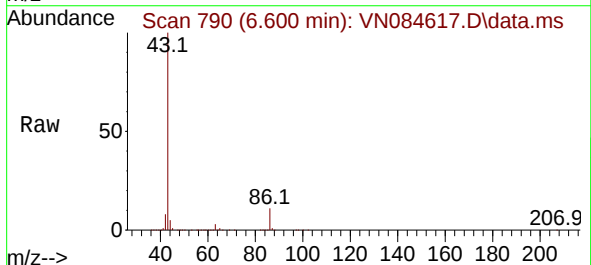
Instrument :
MSVOA_N
ClientSampleId :

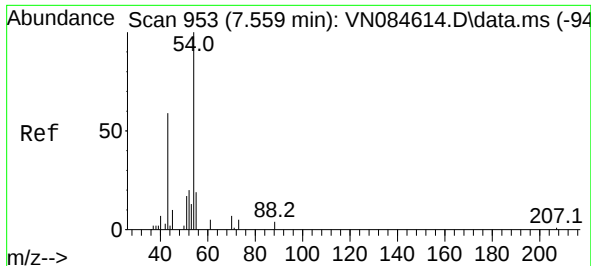
Tgt Ion: 83 Resp: 504647
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.6
127 8.5 7.8 11.6



#42
Vinyl Acetate
Concen: 793.588 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 43 Resp: 3914346
Ion Ratio Lower Upper
43 100
86 10.8 8.6 13.0

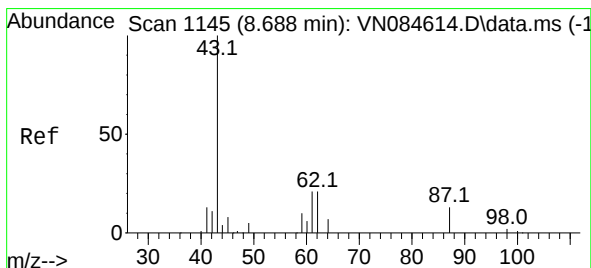
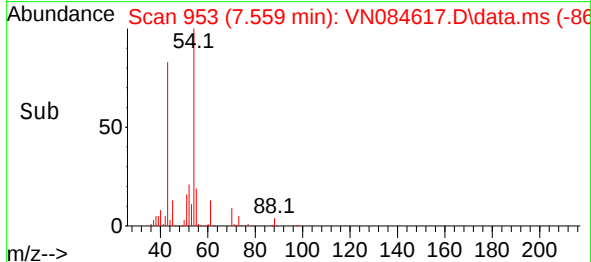
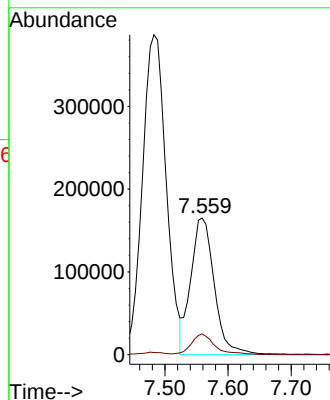
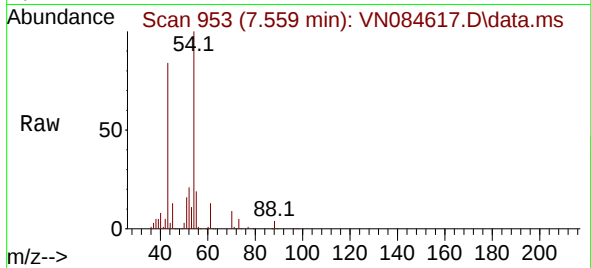




#43
Ethyl Acetate
Concen: 152.653 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

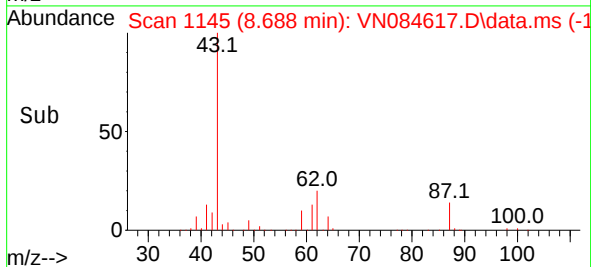
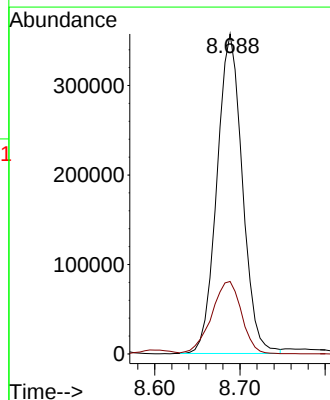
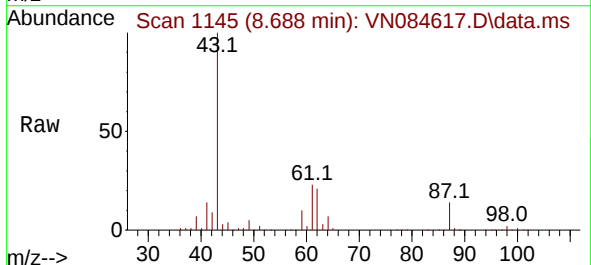
Instrument :
MSVOA_N
ClientSampleId :

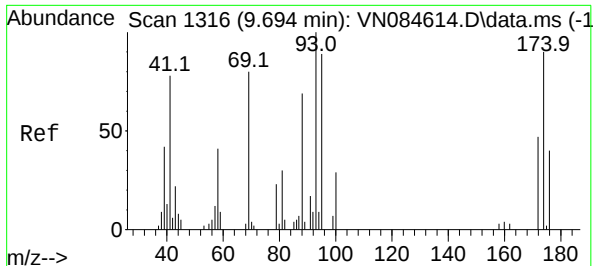
Tgt Ion: 43 Resp: 428446
Ion Ratio Lower Upper
43 100
45 14.8 11.0 16.4



#44
Isopropyl Acetate
Concen: 132.033 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 43 Resp: 741325
Ion Ratio Lower Upper
43 100
61 26.8 19.8 29.8





#45

1,4-Dioxane

Concen: 3131.238 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

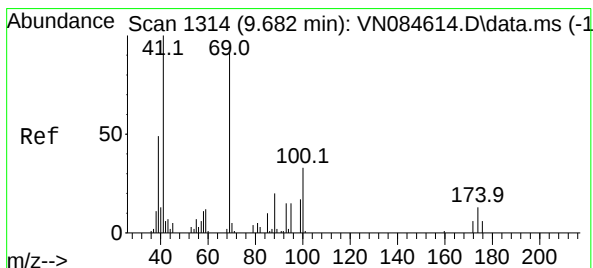
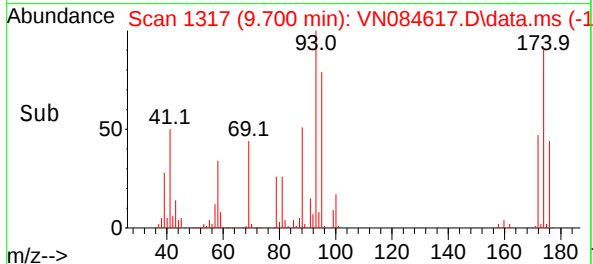
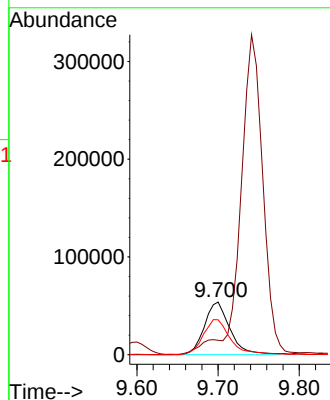
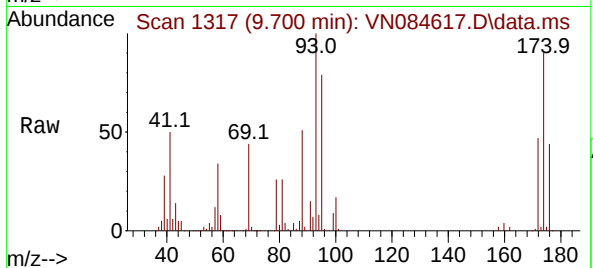
Tgt Ion: 88 Resp: 117373

Ion Ratio Lower Upper

88 100

43 26.1 20.8 31.2

58 71.6 53.4 80.2



#46

Methyl methacrylate

Concen: 158.423 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

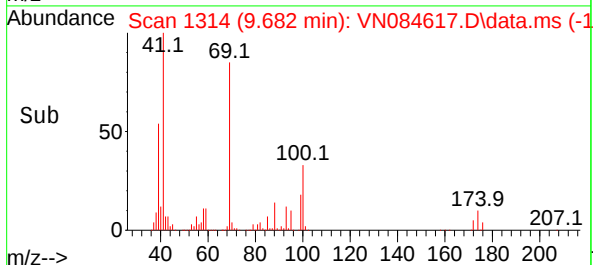
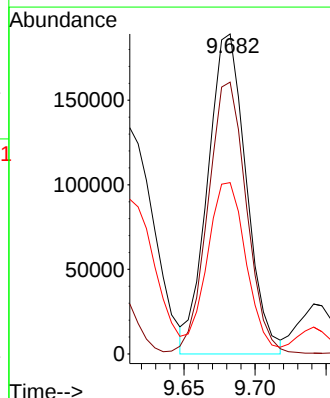
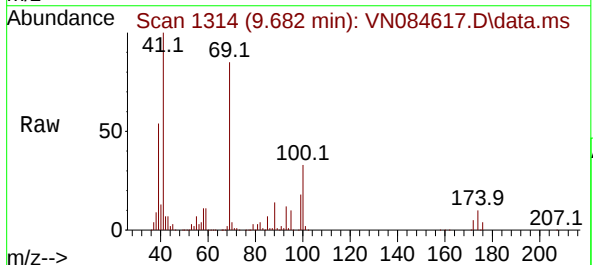
Tgt Ion: 41 Resp: 357456

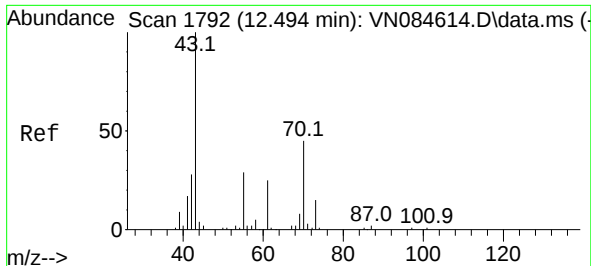
Ion Ratio Lower Upper

41 100

69 87.1 43.4 130.2

39 53.7 24.7 74.1





#47

n-amy1 Acetate

Concen: 159.131 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

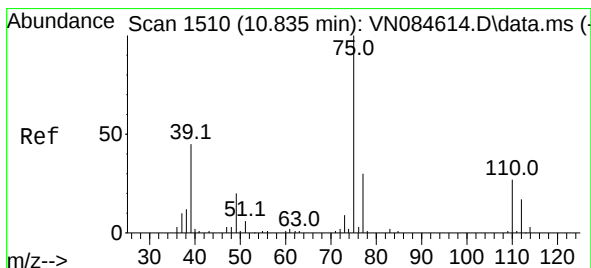
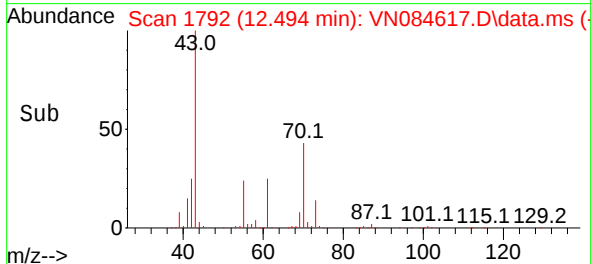
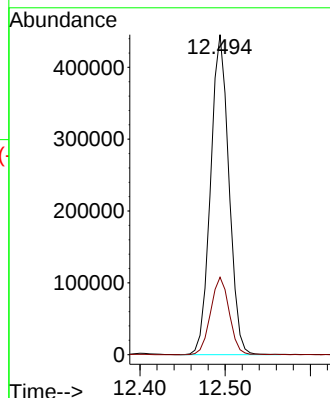
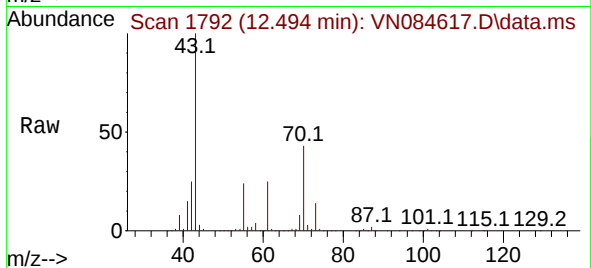
ClientSampleId :

Tgt Ion: 43 Resp: 667282

Ion Ratio Lower Upper

43 100

55 24.5 22.0 33.0



#48

t-1,3-Dichloropropene

Concen: 155.334 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084617.D

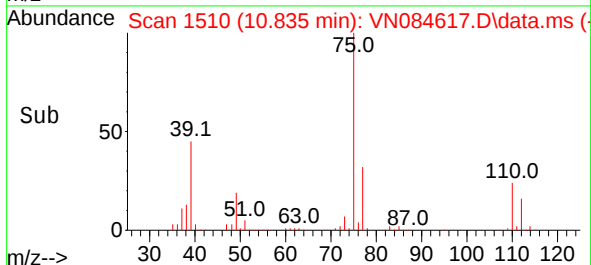
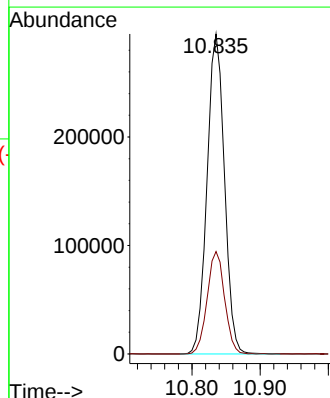
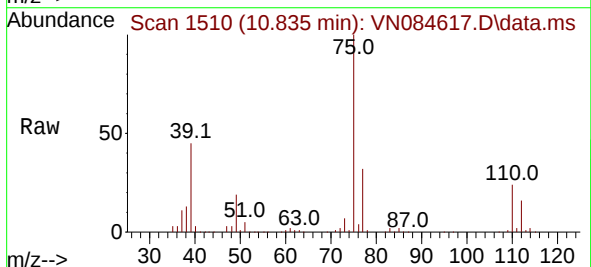
Acq: 31 Oct 2024 13:44

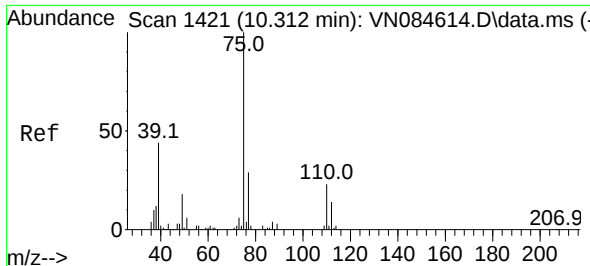
Tgt Ion: 75 Resp: 523588

Ion Ratio Lower Upper

75 100

77 32.0 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 155.501 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

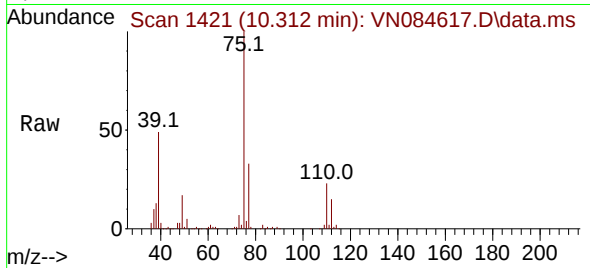
Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :



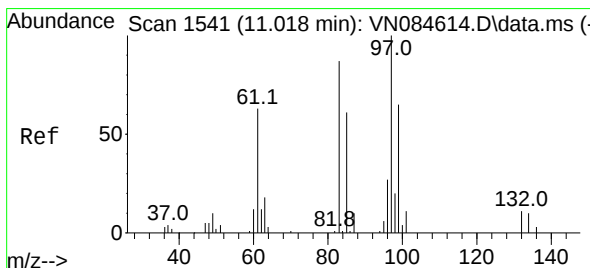
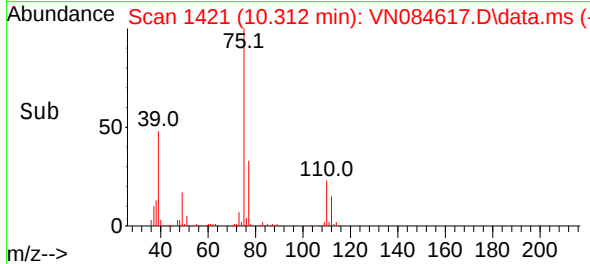
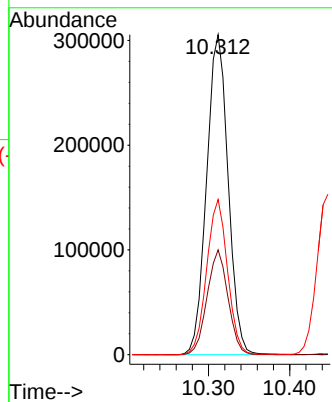
Tgt Ion: 75 Resp: 561762

Ion Ratio Lower Upper

75 100

77 32.8 23.4 35.2

39 48.4 35.4 53.2



#50

1,1,2-Trichloroethane

Concen: 145.645 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Tgt Ion: 97 Resp: 311081

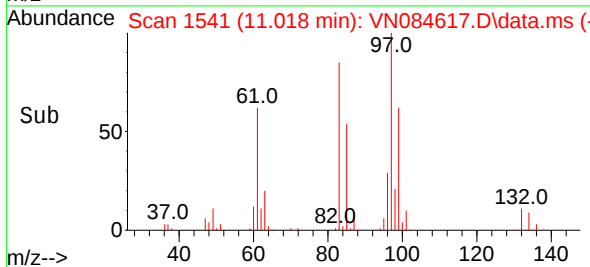
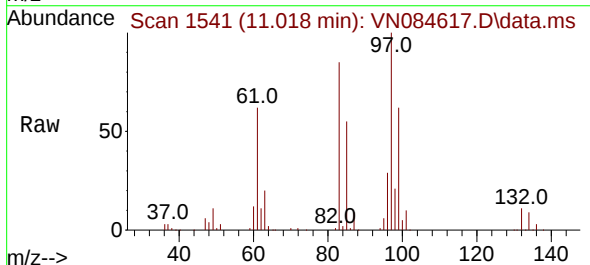
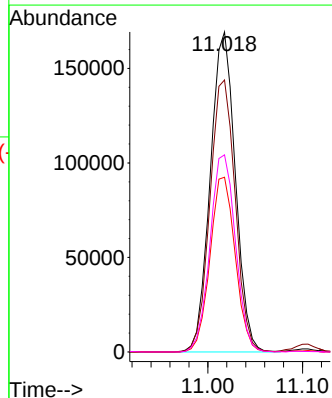
Ion Ratio Lower Upper

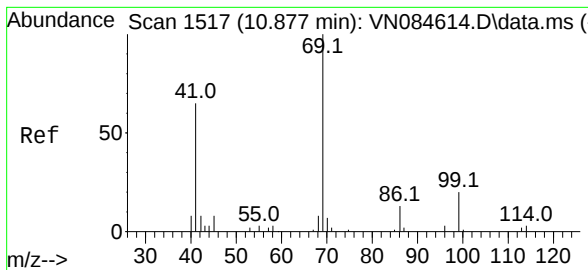
97 100

83 84.8 69.8 104.8

85 54.6 48.6 73.0

99 61.6 52.9 79.3

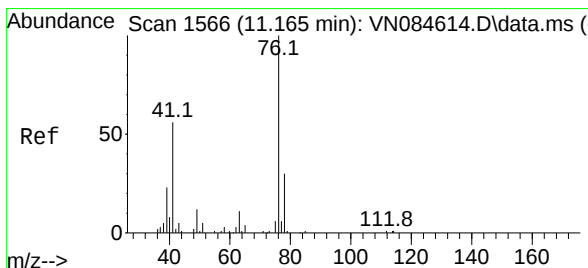
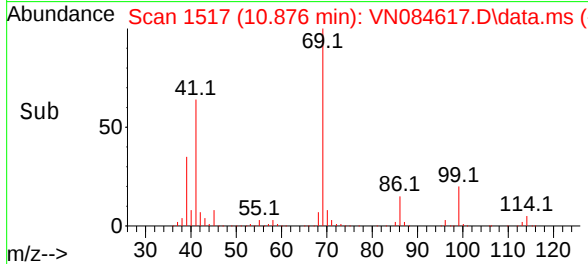
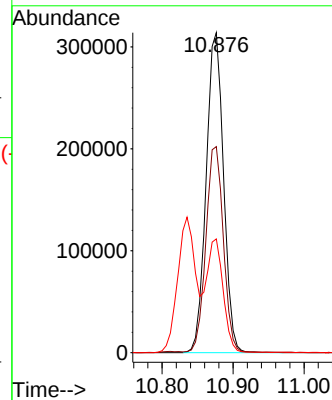
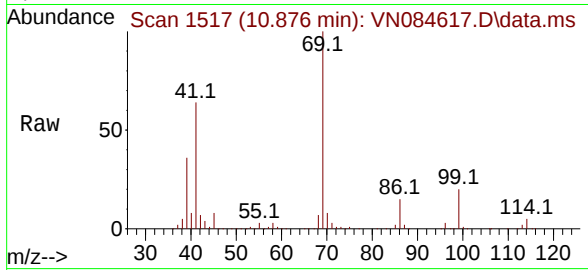




#51
Ethyl methacrylate
Concen: 162.326 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

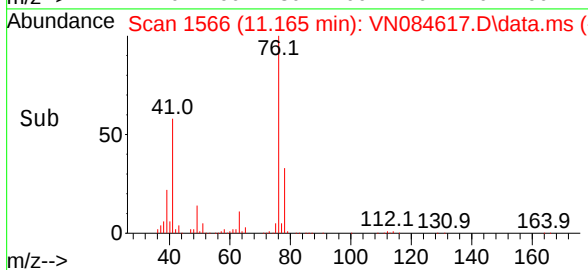
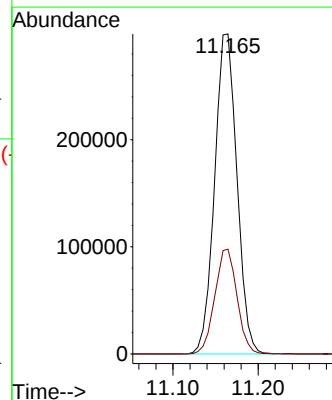
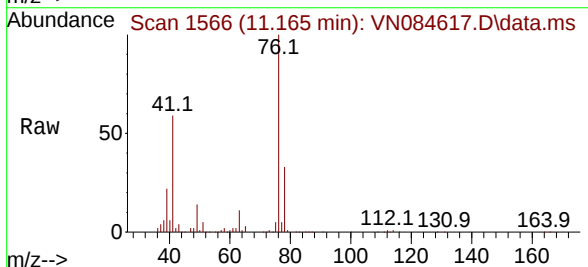
Instrument :
MSVOA_N
ClientSampleId :

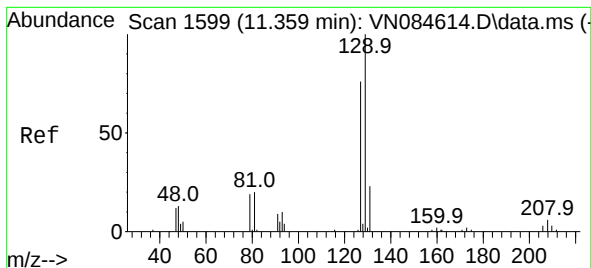
Tgt Ion: 69 Resp: 534438
Ion Ratio Lower Upper
69 100
41 64.3 32.8 98.3
39 35.4 15.4 46.1



#52
1,3-Dichloropropane
Concen: 146.779 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 76 Resp: 544181
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.0





#53

Dibromochloromethane

Concen: 151.277 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

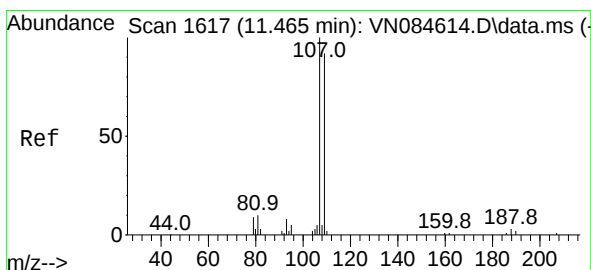
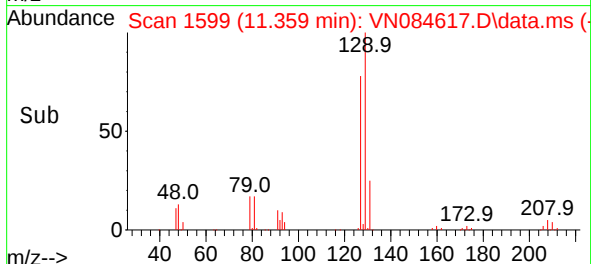
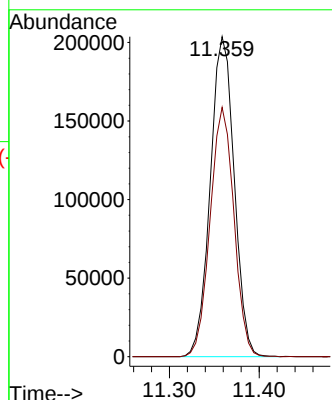
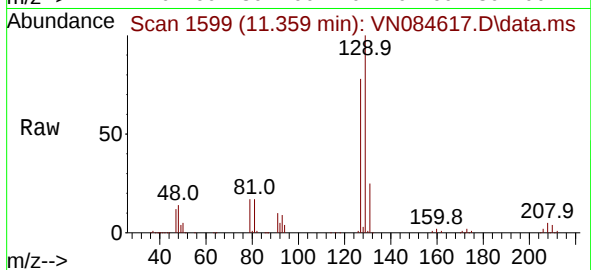
ClientSampleId :

Tgt Ion:129 Resp: 378123

Ion Ratio Lower Upper

129 100

127 77.3 39.6 119.0



#54

1,2-Dibromoethane

Concen: 149.047 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN084617.D

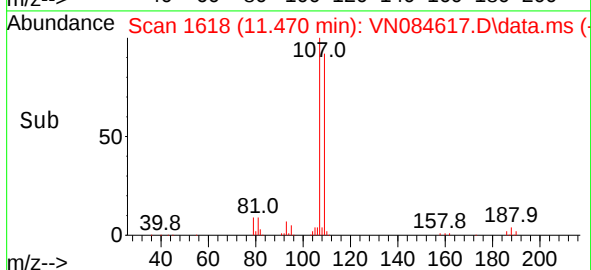
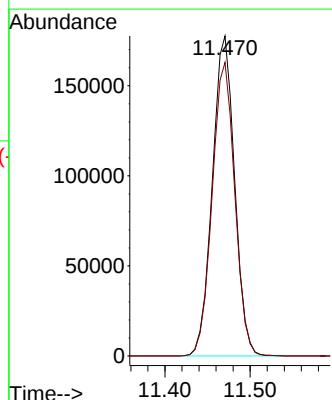
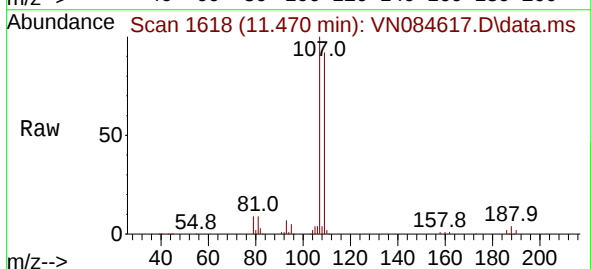
Acq: 31 Oct 2024 13:44

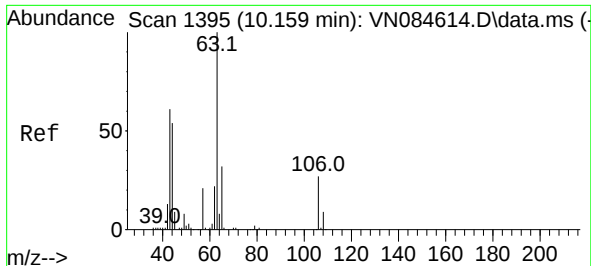
Tgt Ion:107 Resp: 321983

Ion Ratio Lower Upper

107 100

109 93.1 73.4 110.0

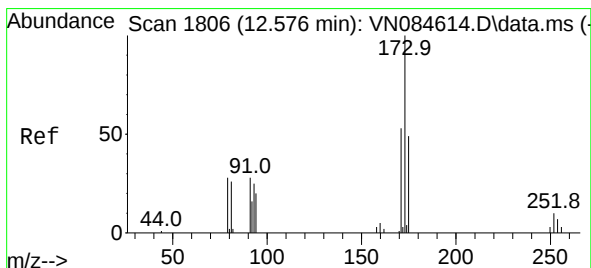
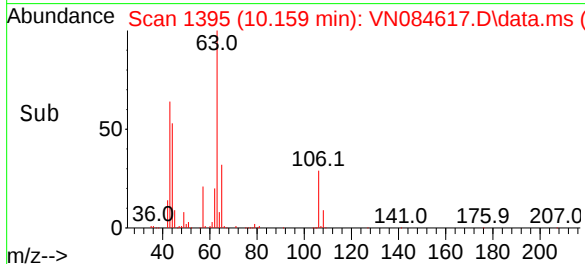
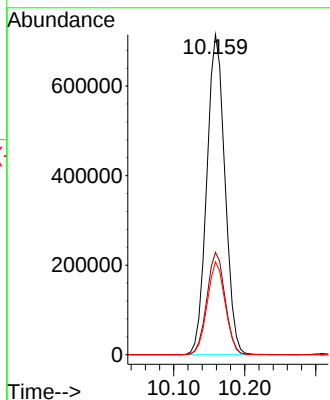
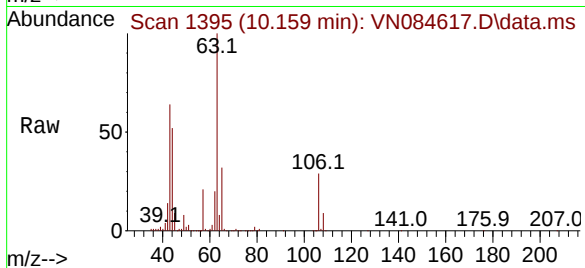




#55
2-Chloroethyl vinyl ether
Concen: 785.232 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

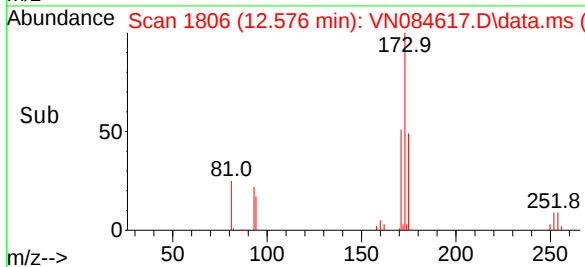
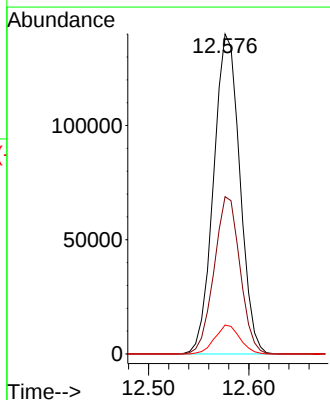
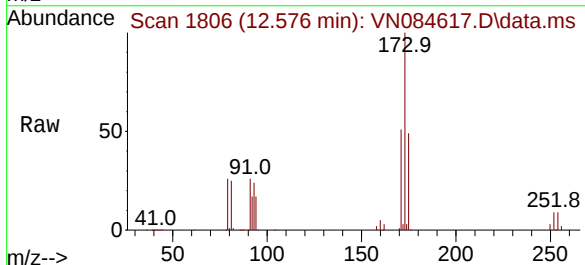
Instrument :
MSVOA_N
ClientSampleId :

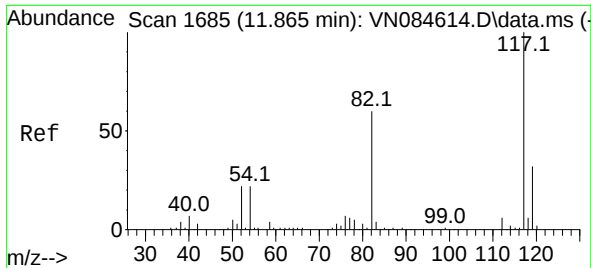
Tgt Ion: 63 Resp: 1267478
Ion Ratio Lower Upper
63 100
65 32.1 25.5 38.3
106 28.8 22.3 33.5



#56
Bromoform
Concen: 151.864 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 173 Resp: 254436
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.2
254 8.6 6.4 9.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

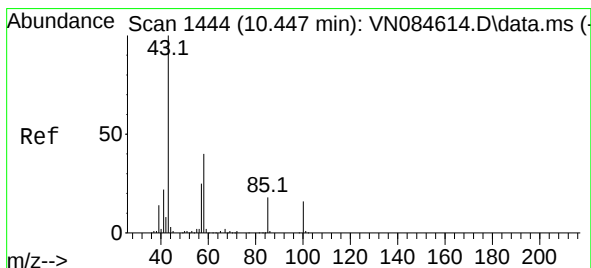
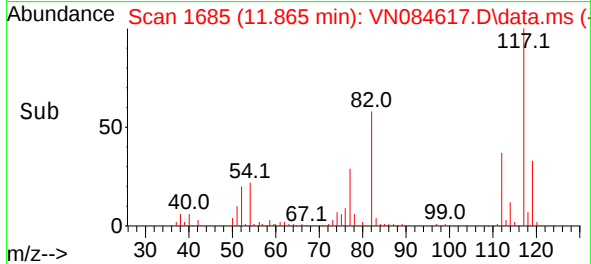
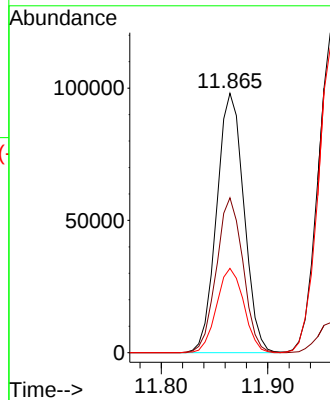
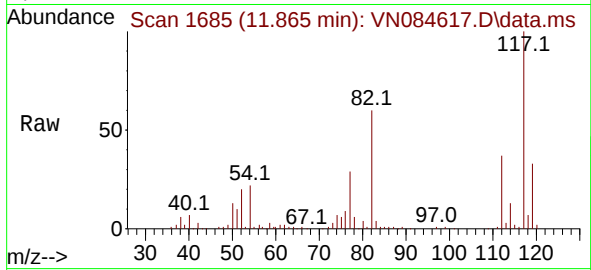
Tgt Ion:117 Resp: 174515

Ion Ratio Lower Upper

117 100

82 58.2 45.5 68.3

119 32.5 25.3 37.9



#58

4-Methyl-2-Pentanone

Concen: 757.339 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

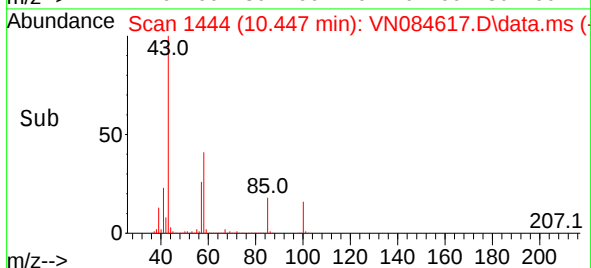
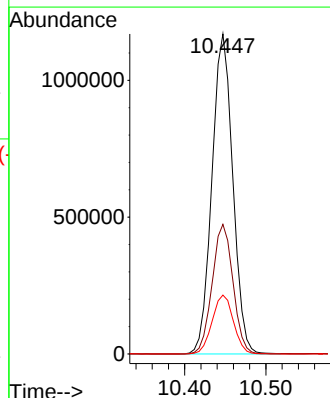
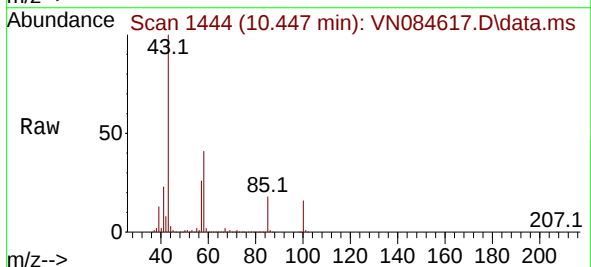
Tgt Ion: 43 Resp: 2085089

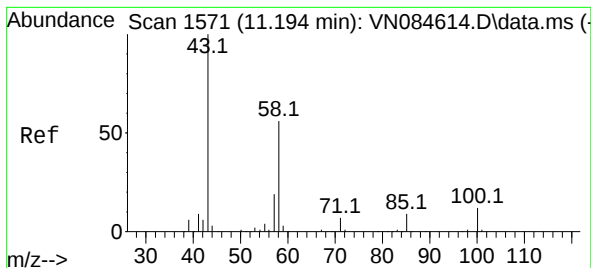
Ion Ratio Lower Upper

43 100

58 40.5 31.2 46.8

85 18.8 14.9 22.3

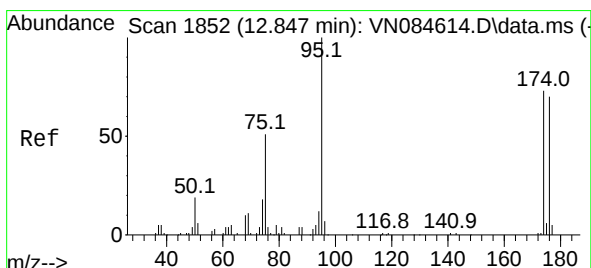
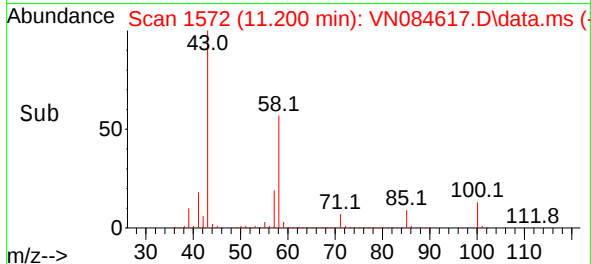
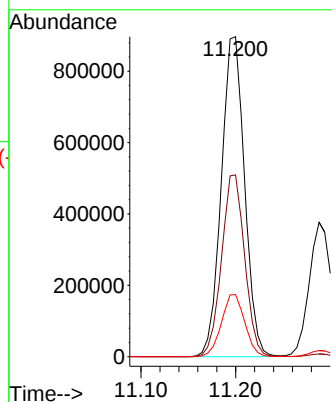
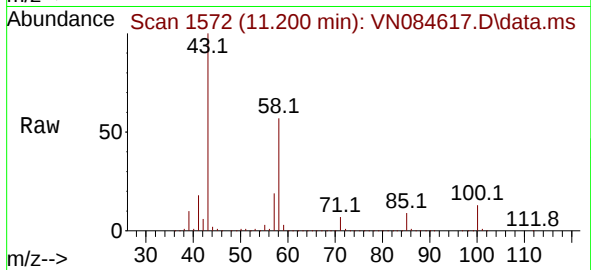




#59
2-Hexanone
Concen: 759.555 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

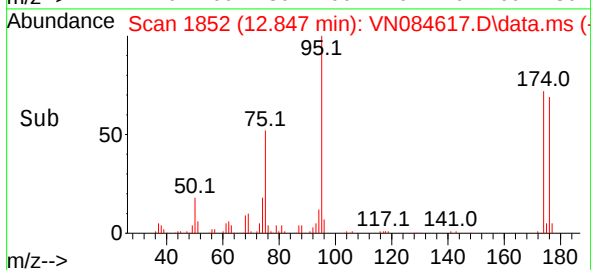
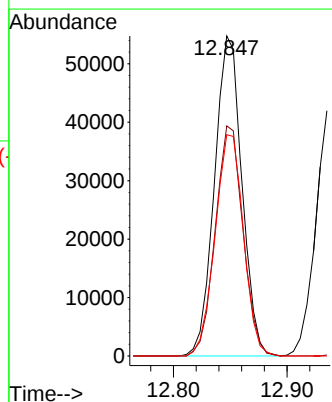
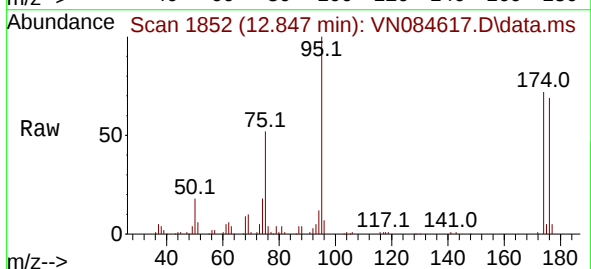
Instrument :
MSVOA_N
ClientSampleId :

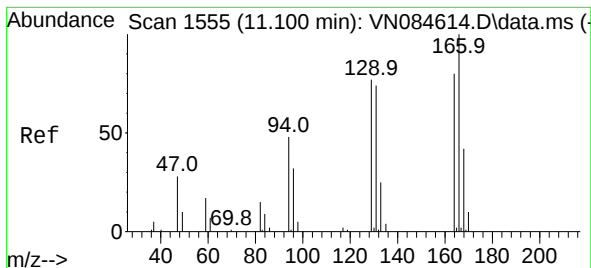
Tgt Ion: 43 Resp: 1531300
Ion Ratio Lower Upper
43 100
58 56.5 43.8 65.6
57 19.5 15.0 22.6



#60
4-Bromofluorobenzene
Concen: 30.557 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 95 Resp: 91818
Ion Ratio Lower Upper
95 100
174 72.6 59.6 89.4
176 71.4 58.6 88.0





#61

Tetrachloroethene

Concen: 148.628 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

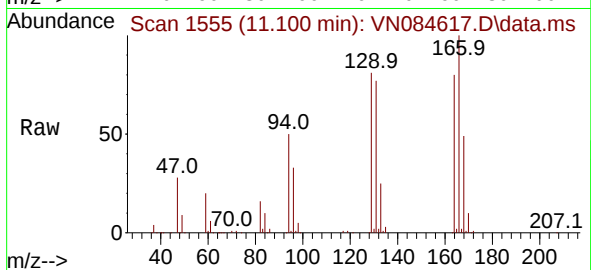
Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 271458

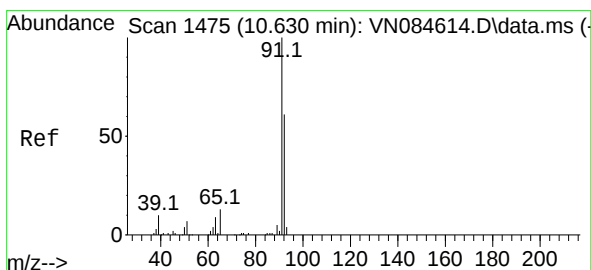
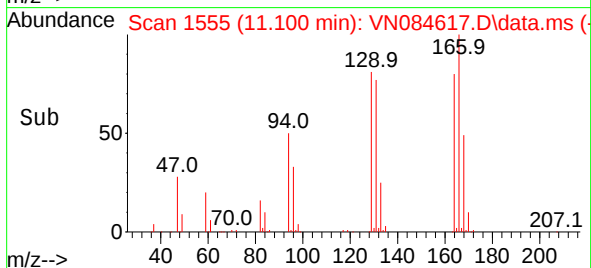
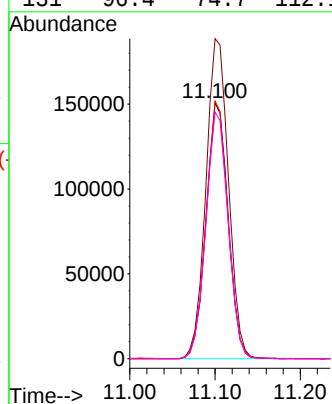
Ion Ratio Lower Upper

164 100

166 125.1 100.5 150.7

129 100.8 77.7 116.5

131 96.4 74.7 112.1



#62

Toluene

Concen: 149.056 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084617.D

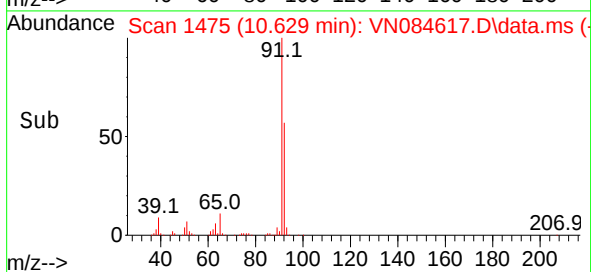
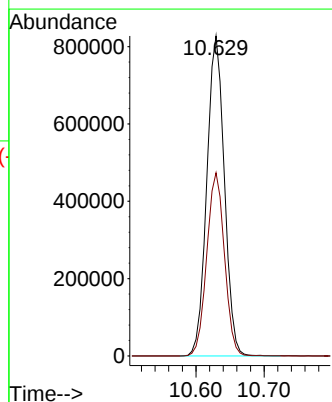
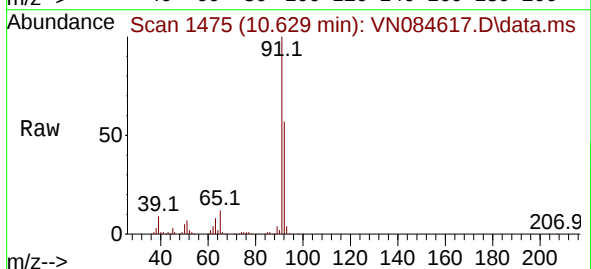
Acq: 31 Oct 2024 13:44

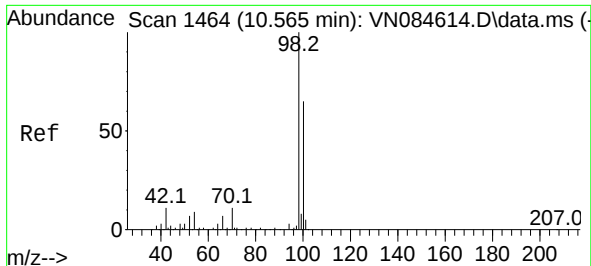
Tgt Ion: 91 Resp: 1481581

Ion Ratio Lower Upper

91 100

92 57.7 47.5 71.3

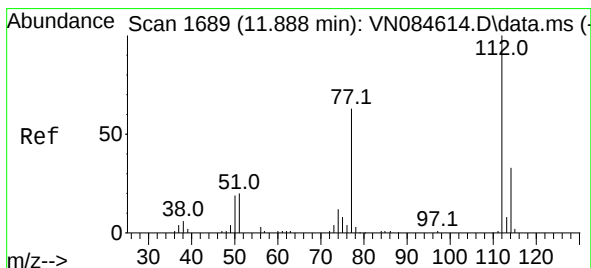
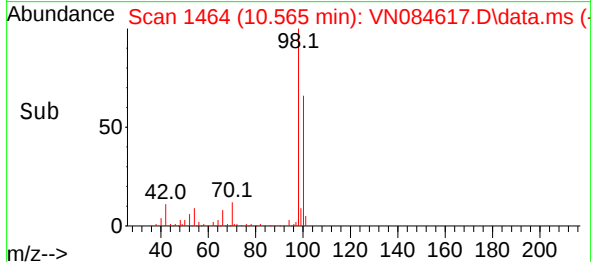
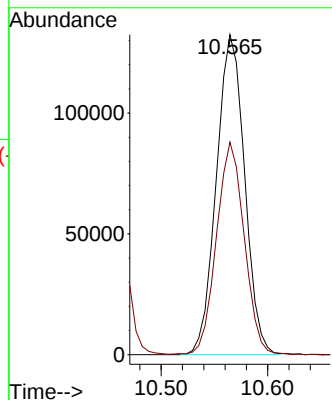
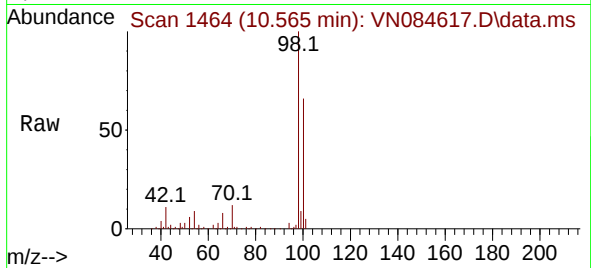




#63
Toluene-d8
Concen: 29.539 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

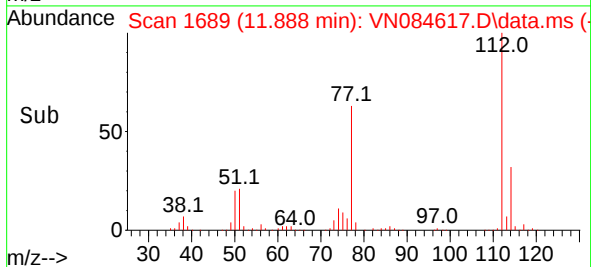
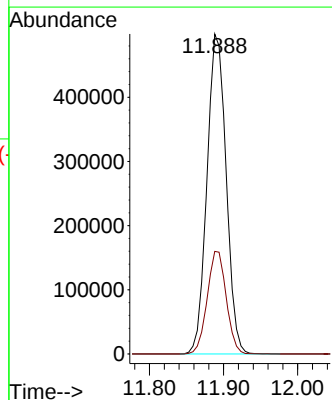
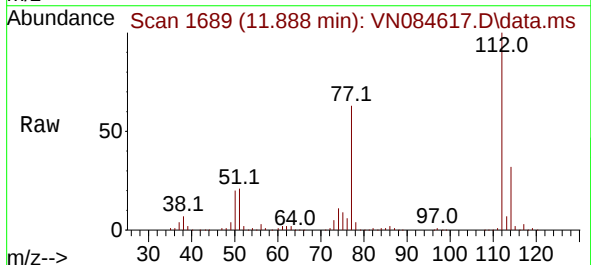
Instrument :
MSVOA_N
ClientSampleId :

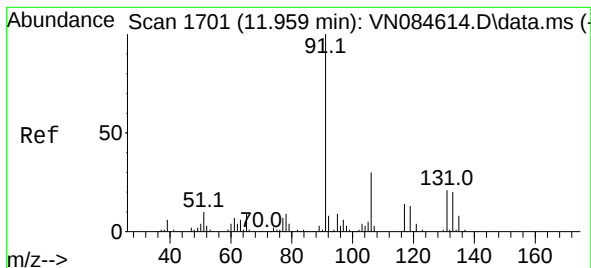
Tgt Ion: 98 Resp: 244038
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



#64
Chlorobenzene
Concen: 149.418 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 112 Resp: 896579
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4





#65

1,1,1,2-Tetrachloroethane

Concen: 145.687 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

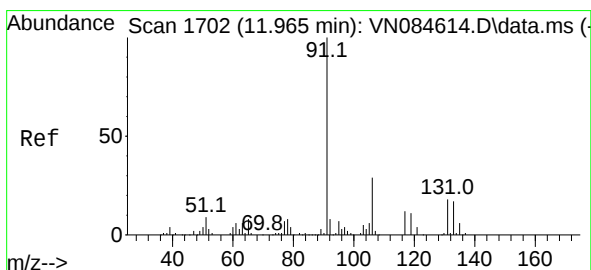
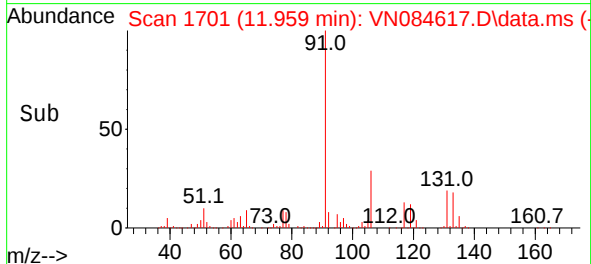
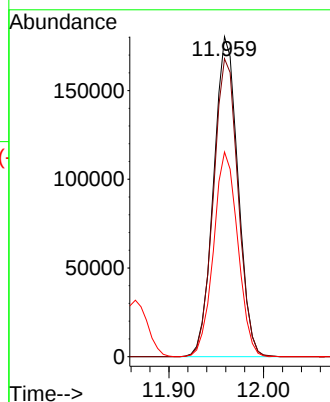
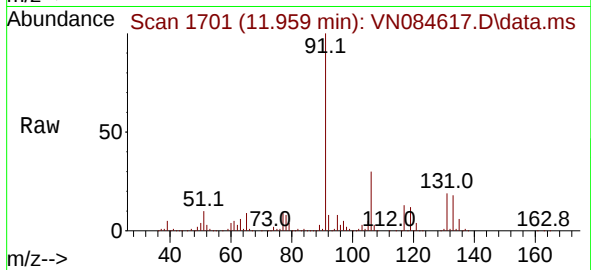
Tgt Ion:131 Resp: 321277

Ion Ratio Lower Upper

131 100

133 94.6 0.0 189.2

119 63.8 0.0 129.4



#66

Ethyl Benzene

Concen: 158.236 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN084617.D

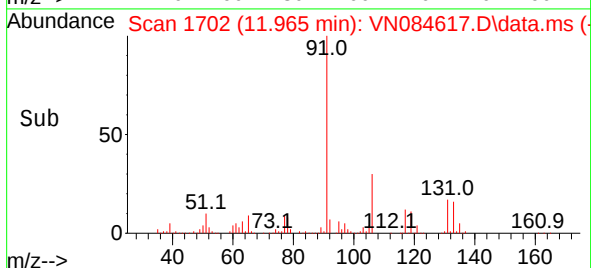
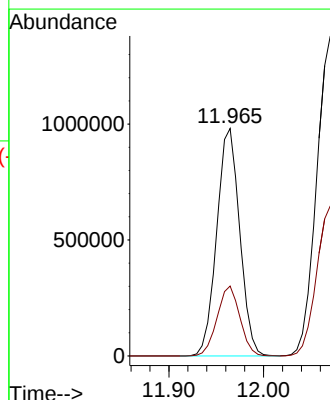
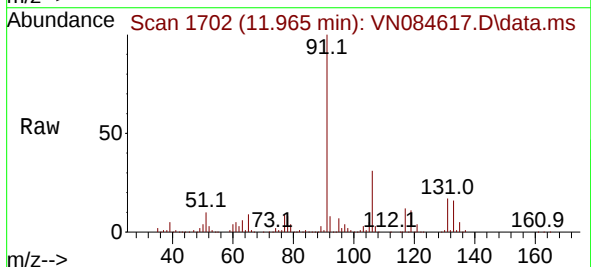
Acq: 31 Oct 2024 13:44

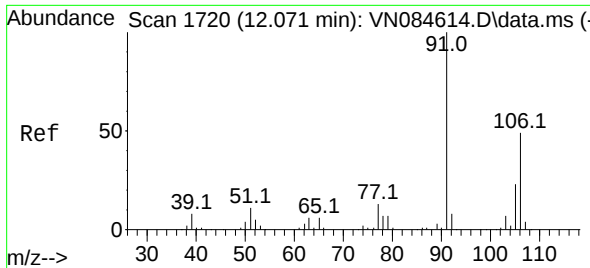
Tgt Ion: 91 Resp: 1652923

Ion Ratio Lower Upper

91 100

106 30.7 22.9 34.3

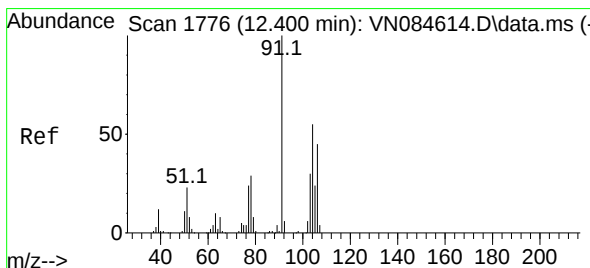
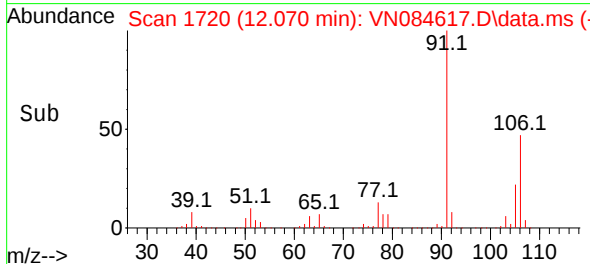
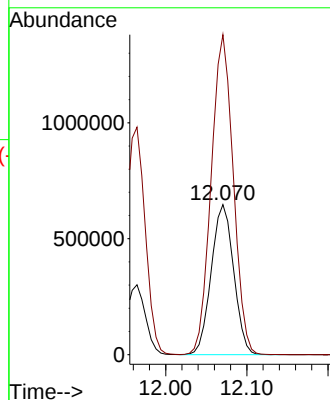
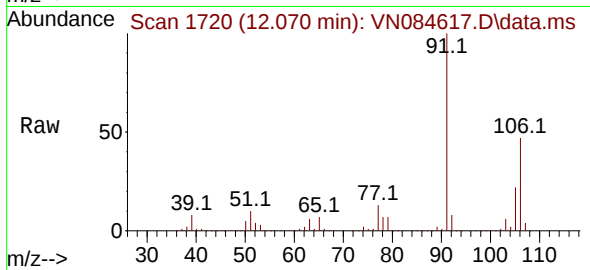




#67
m/p-Xylenes
Concen: 310.660 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

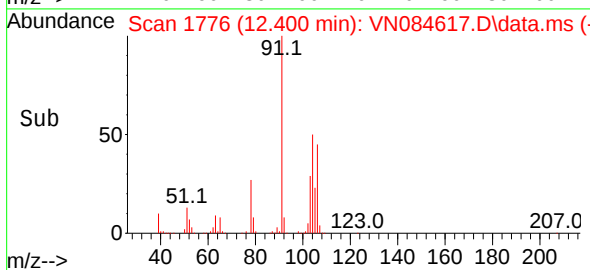
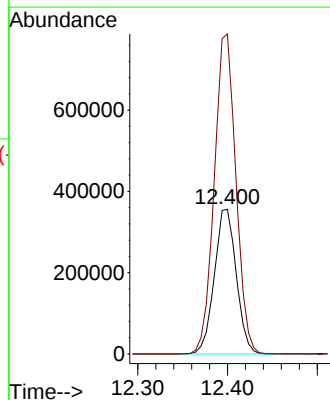
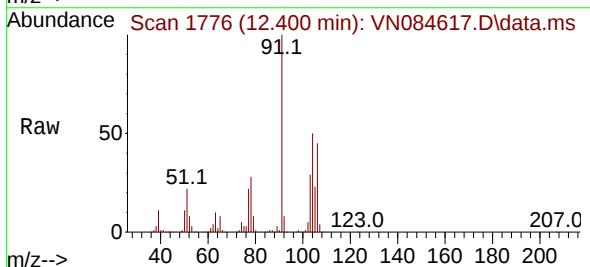
Instrument :
MSVOA_N
ClientSampleId :

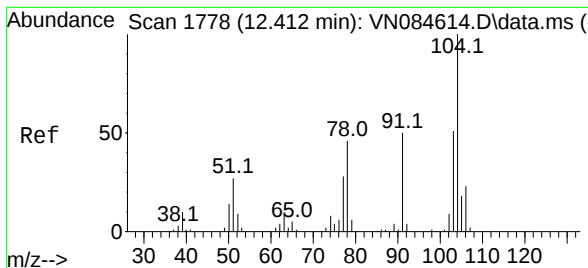
Tgt Ion:106 Resp: 1242416
Ion Ratio Lower Upper
106 100
91 210.0 168.1 252.1



#68
o-Xylene
Concen: 156.582 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion:106 Resp: 604062
Ion Ratio Lower Upper
106 100
91 218.4 107.7 322.9





#69

Styrene

Concen: 159.199 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

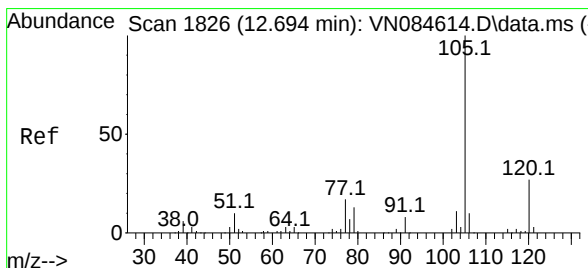
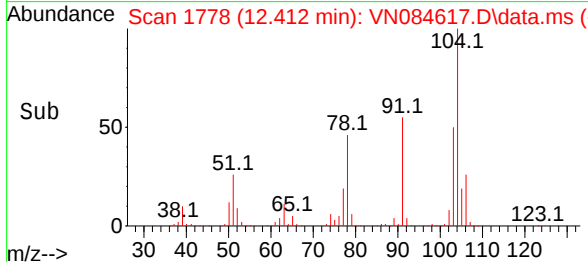
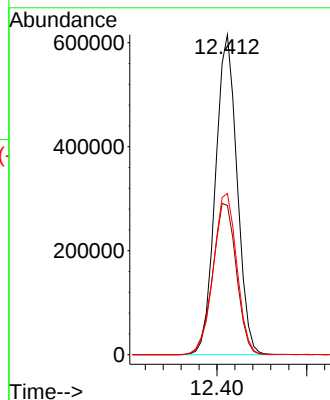
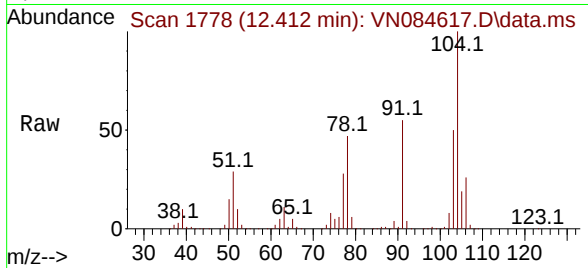
Tgt Ion:104 Resp: 1029762

Ion Ratio Lower Upper

104 100

78 52.0 41.5 62.3

103 54.6 44.6 67.0



#70

Isopropylbenzene

Concen: 159.480 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084617.D

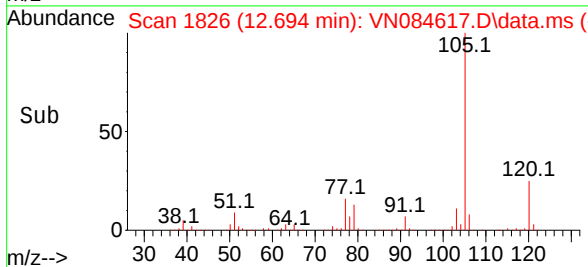
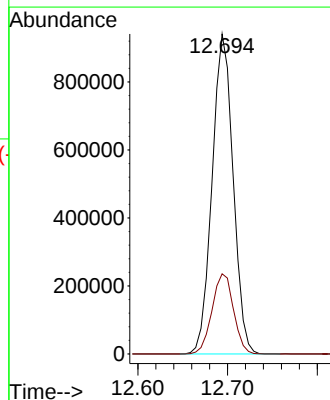
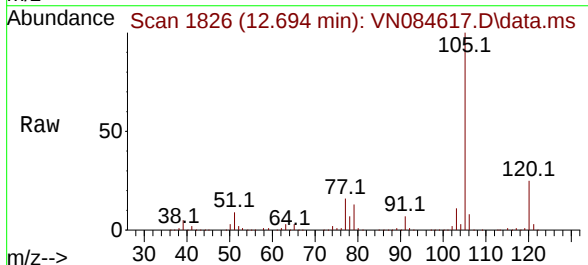
Acq: 31 Oct 2024 13:44

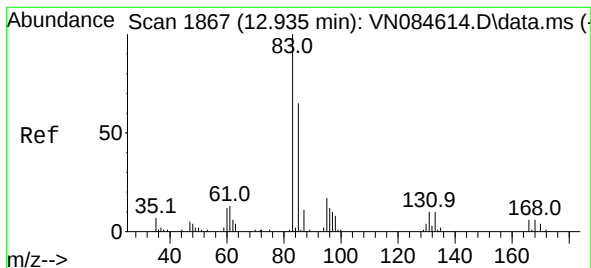
Tgt Ion:105 Resp: 1528377

Ion Ratio Lower Upper

105 100

120 25.6 18.7 34.7

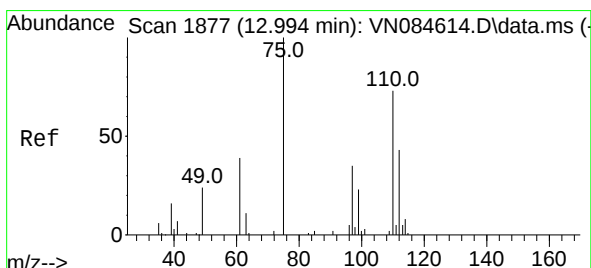
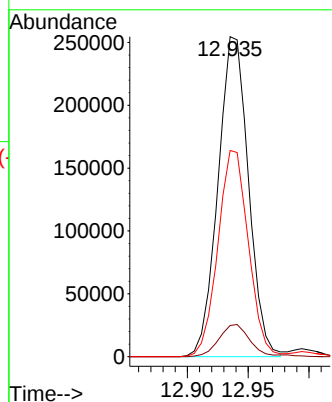
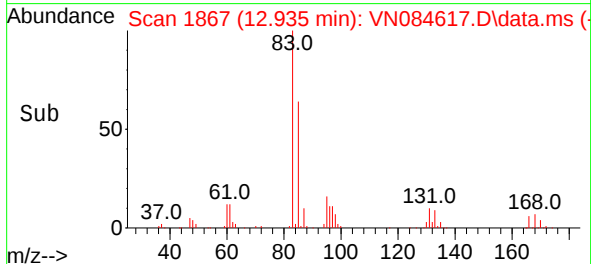
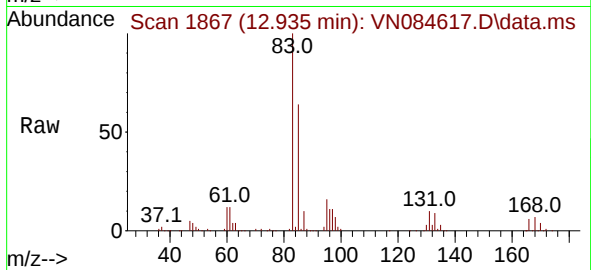




#71
1,1,2,2-Tetrachloroethane
Concen: 142.885 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

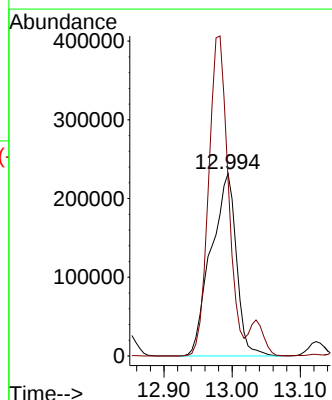
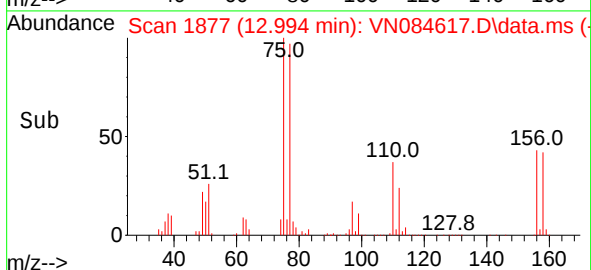
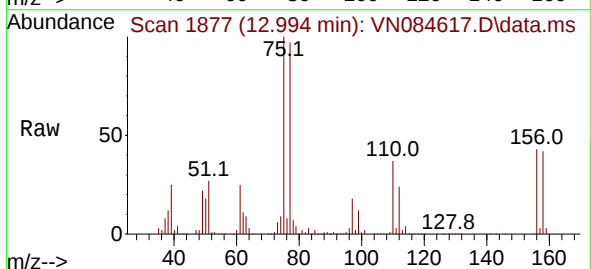
Instrument :
MSVOA_N
ClientSampleId :

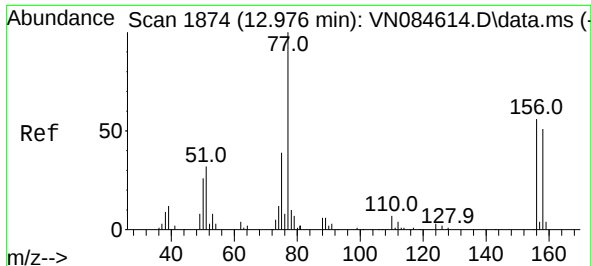
Tgt Ion: 83 Resp: 443836
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 64.3 33.3 99.9



#72
1,2,3-Trichloropropane
Concen: 202.543 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 75 Resp: 600203
Ion Ratio Lower Upper
75 100
77 135.7 0.0 358.4

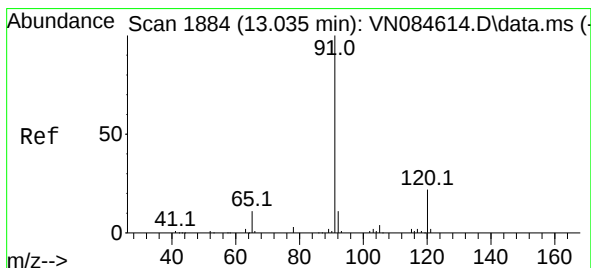
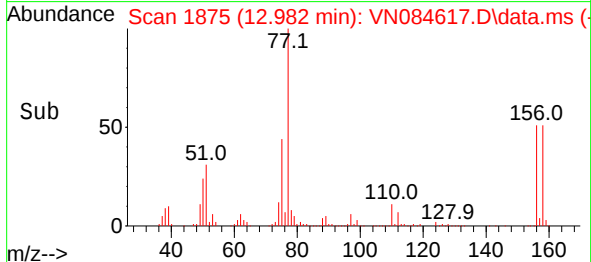
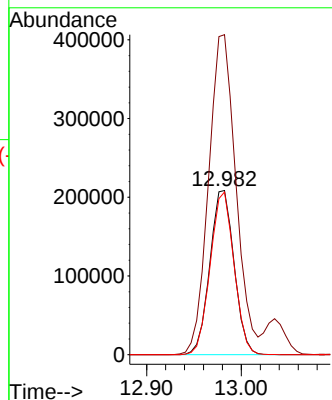
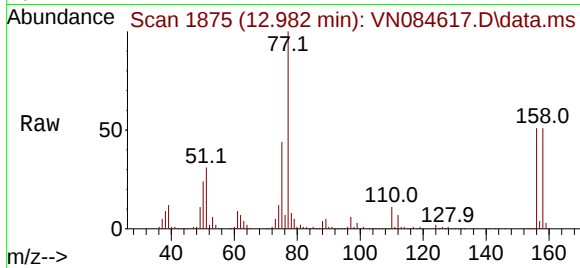




#73
Bromobenzene
Concen: 149.971 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

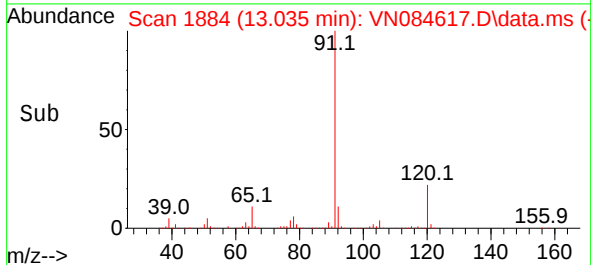
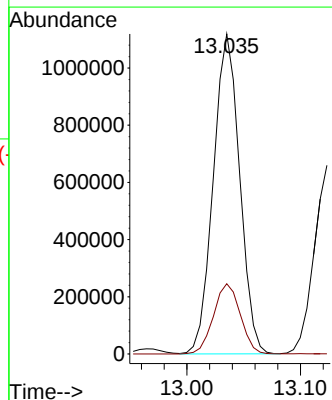
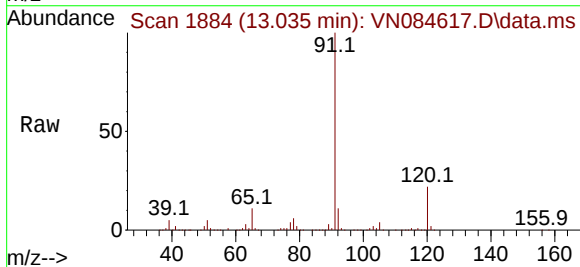
Instrument :
MSVOA_N
ClientSampleId :

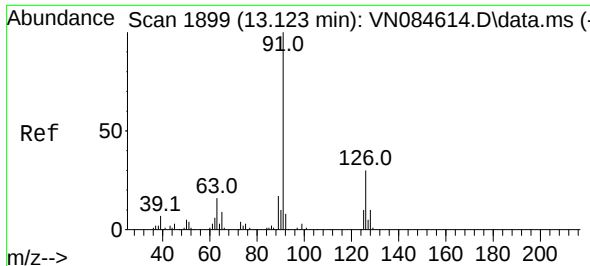
Tgt Ion:156 Resp: 370688
Ion Ratio Lower Upper
156 100
77 219.7 0.0 427.6
158 97.1 0.0 191.6



#74
n-propylbenzene
Concen: 161.034 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 91 Resp: 1804610
Ion Ratio Lower Upper
91 100
120 22.2 0.0 44.0

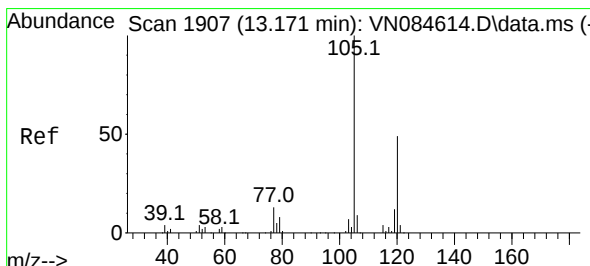
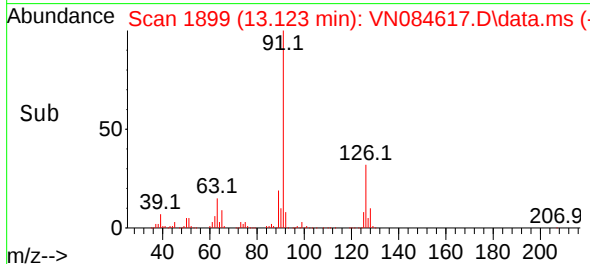
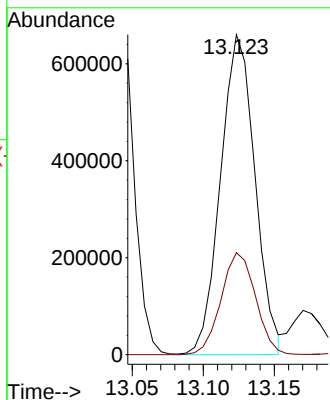
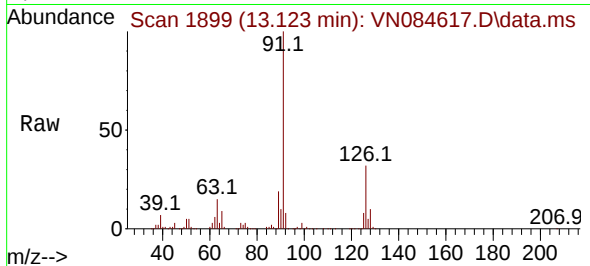




#75
2-Chlorotoluene
Concen: 152.433 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

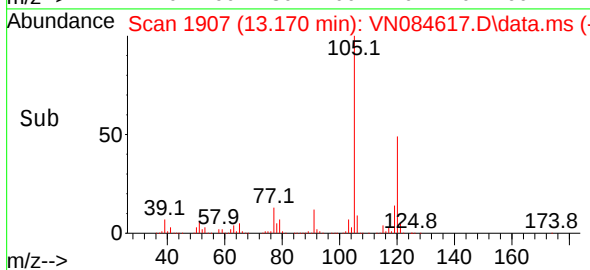
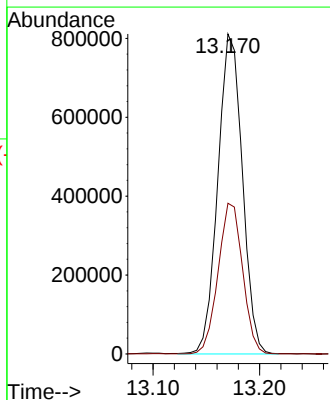
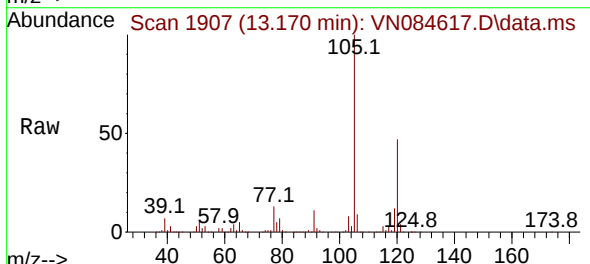
Instrument :
MSVOA_N
ClientSampleId :

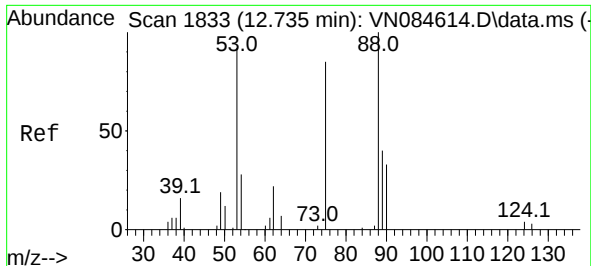
Tgt Ion: 91 Resp: 1112415
Ion Ratio Lower Upper
91 100
126 31.9 0.0 60.8



#76
1,3,5-Trimethylbenzene
Concen: 158.223 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion:105 Resp: 1295565
Ion Ratio Lower Upper
105 100
120 47.1 0.0 96.8

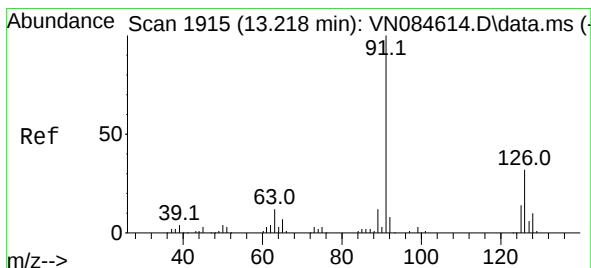
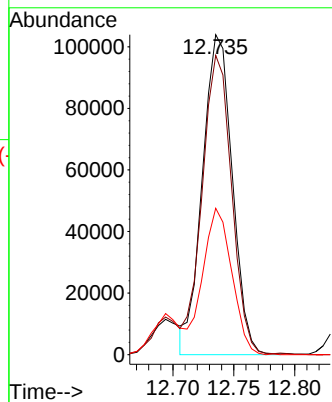
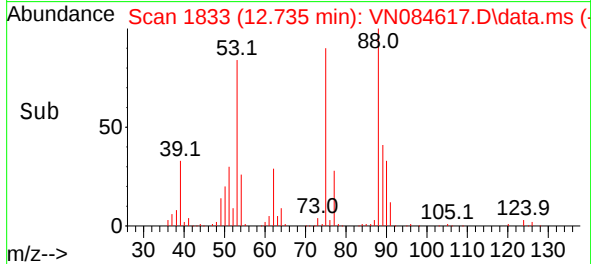
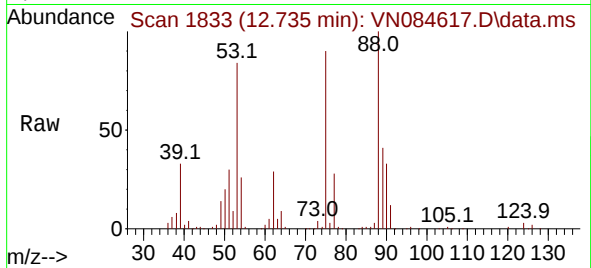




#77
t-1,4-Dichloro-2-butene
Concen: 162.992 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

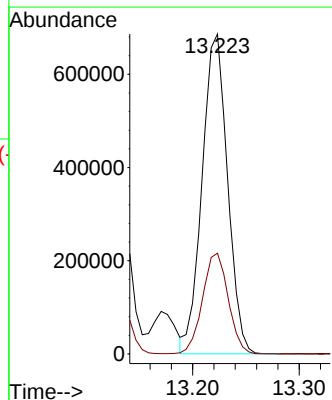
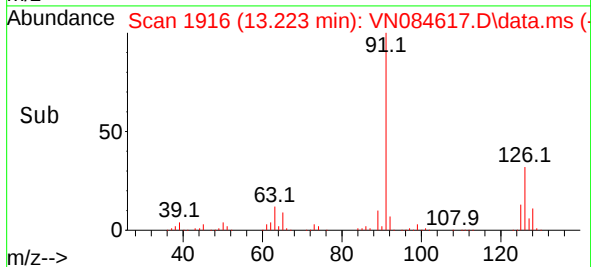
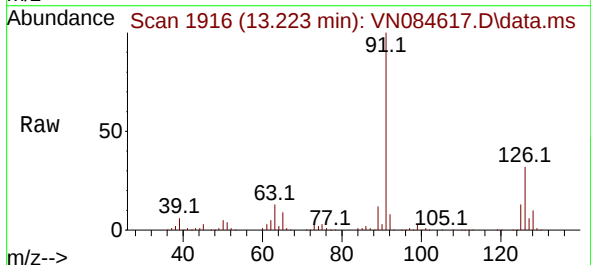
Instrument :
MSVOA_N
ClientSampleId :

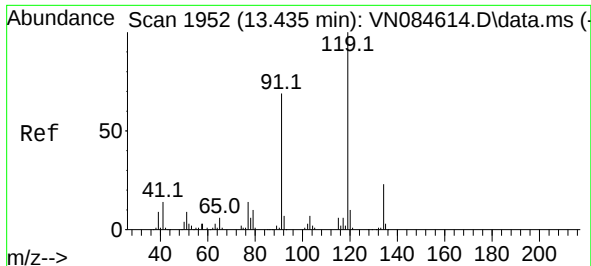
Tgt Ion: 75 Resp: 177307
Ion Ratio Lower Upper
75 100
53 93.3 52.4 157.2
89 45.9 26.0 78.0



#78
4-Chlorotoluene
Concen: 154.535 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084617.D
Acq: 31 Oct 2024 13:44

Tgt Ion: 91 Resp: 1139441
Ion Ratio Lower Upper
91 100
126 31.9 0.0 63.4





#79

tert-butylbenzene

Concen: 164.638 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

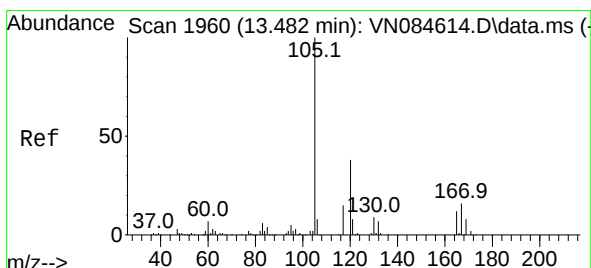
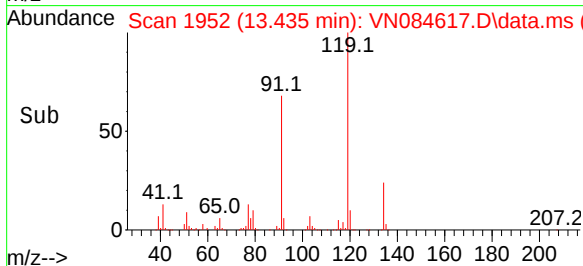
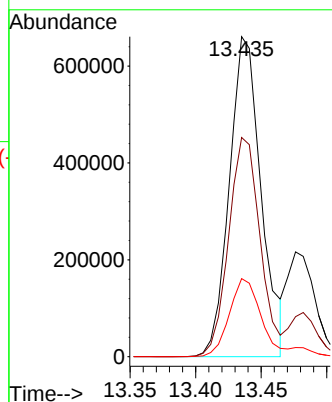
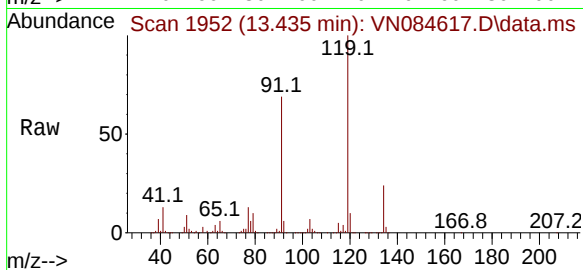
Tgt Ion:119 Resp: 1114831

Ion Ratio Lower Upper

119 100

91 67.8 0.0 143.2

134 24.3 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 159.986 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084617.D

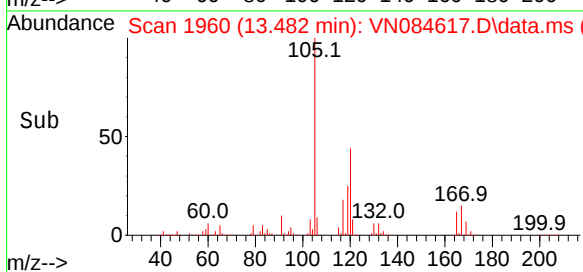
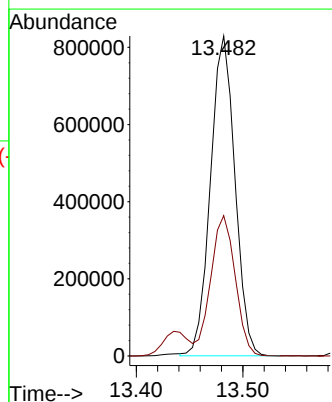
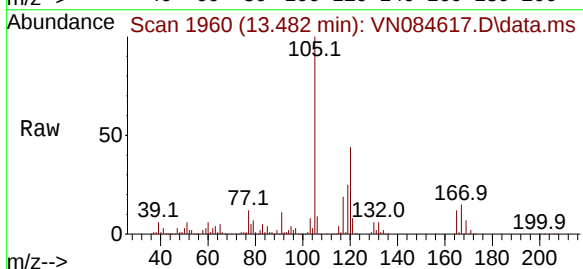
Acq: 31 Oct 2024 13:44

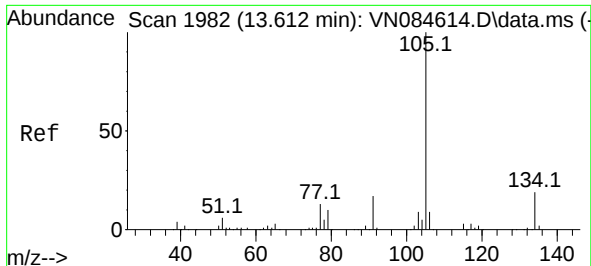
Tgt Ion:105 Resp: 1321571

Ion Ratio Lower Upper

105 100

120 44.0 0.0 90.4





#81

sec-Butylbenzene

Concen: 163.089 ug/l

RT: 13.617 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

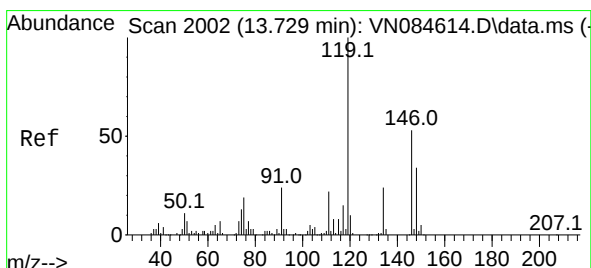
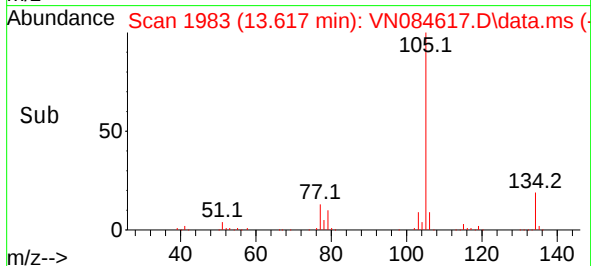
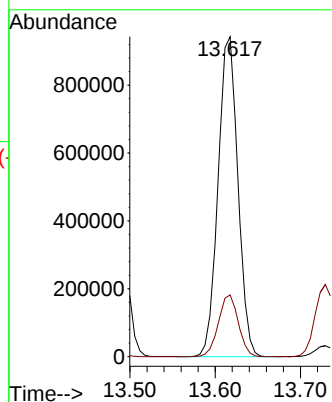
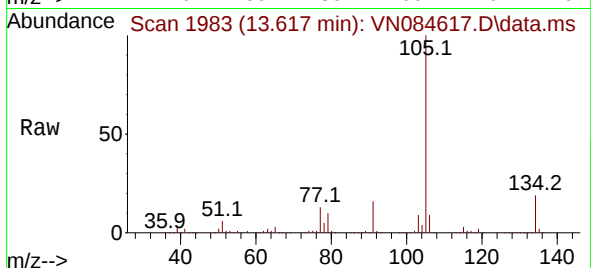
ClientSampleId :

Tgt Ion:105 Resp: 1521726

Ion Ratio Lower Upper

105 100

134 19.4 0.0 39.0



#82

p-Isopropyltoluene

Concen: 166.431 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

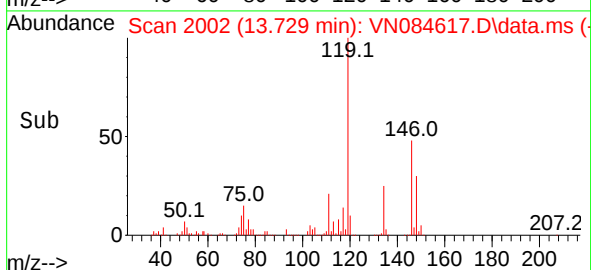
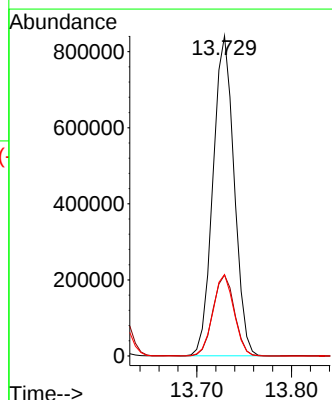
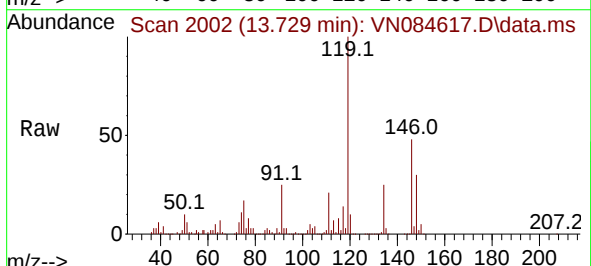
Tgt Ion:119 Resp: 1304826

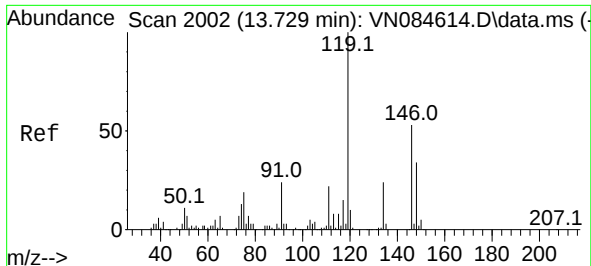
Ion Ratio Lower Upper

119 100

134 25.6 0.0 51.4

91 25.3 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 152.963 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

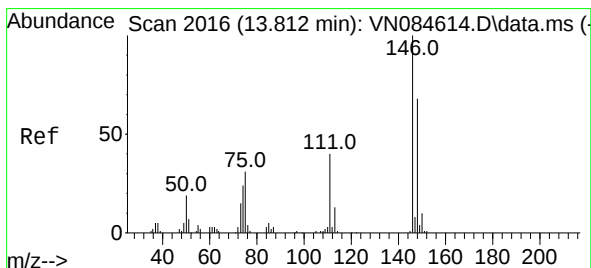
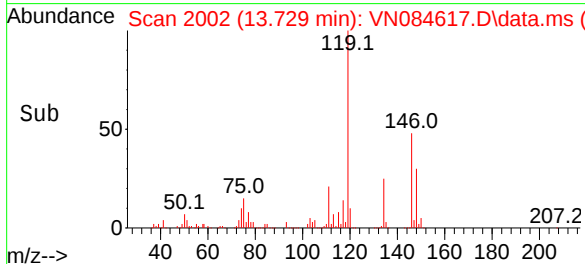
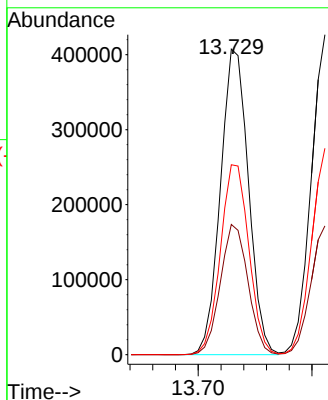
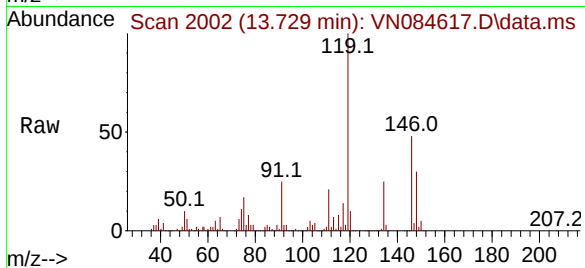
Tgt Ion:146 Resp: 699236

Ion Ratio Lower Upper

146 100

111 42.1 21.0 63.0

148 63.1 31.3 93.8



#84

1,4-Dichlorobenzene

Concen: 154.663 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

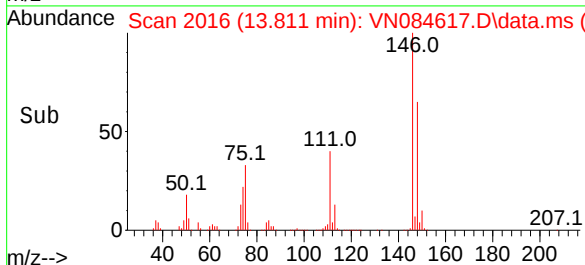
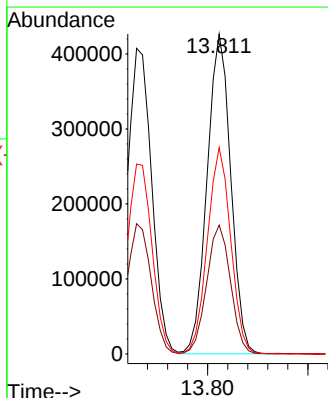
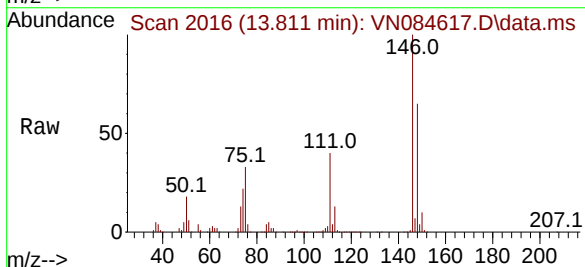
Tgt Ion:146 Resp: 698605

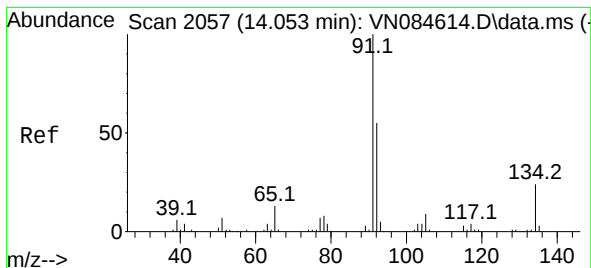
Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

148 63.7 32.6 98.0





#85

n-Butylbenzene

Concen: 174.453 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

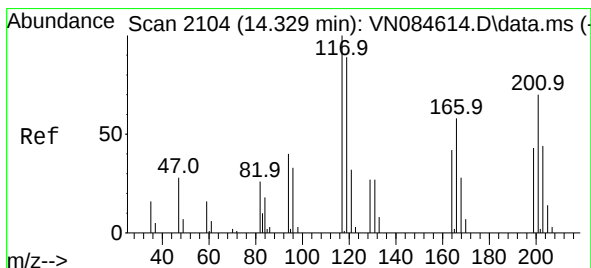
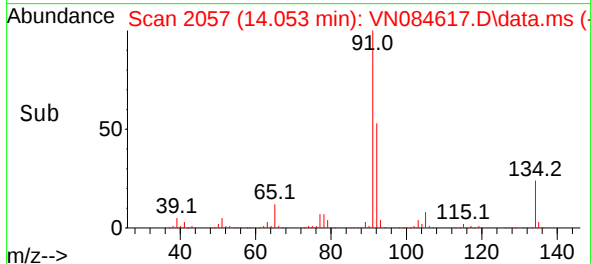
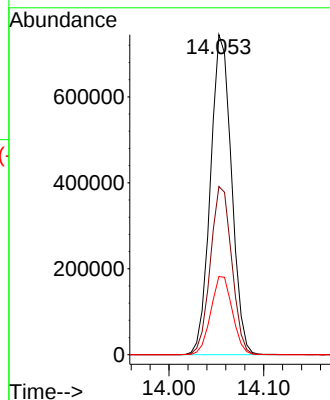
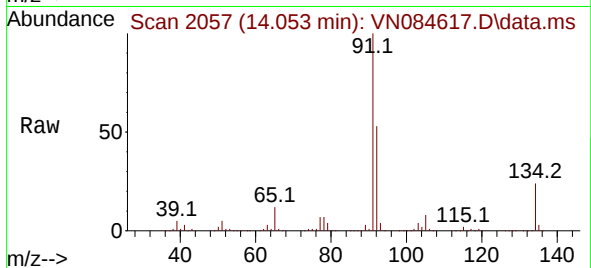
Tgt Ion: 91 Resp: 1148718

Ion Ratio Lower Upper

91 100

92 53.3 0.0 106.2

134 25.0 0.0 48.2



#86

Hexachloroethane

Concen: 152.408 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084617.D

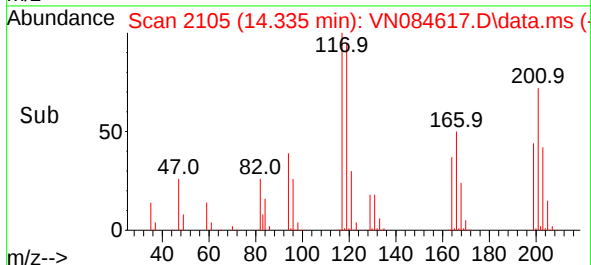
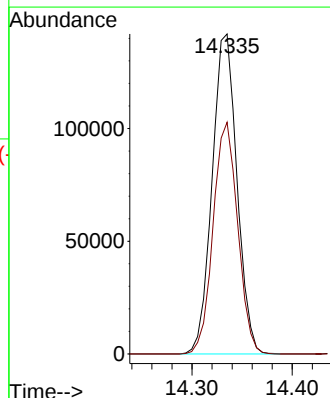
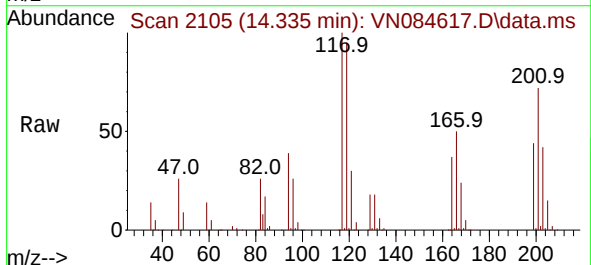
Acq: 31 Oct 2024 13:44

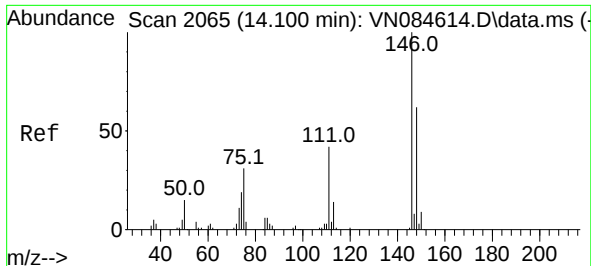
Tgt Ion:117 Resp: 244372

Ion Ratio Lower Upper

117 100

201 71.5 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 151.120 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

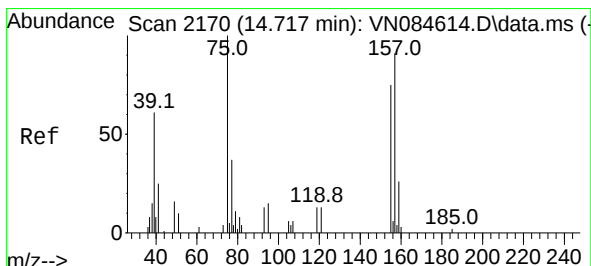
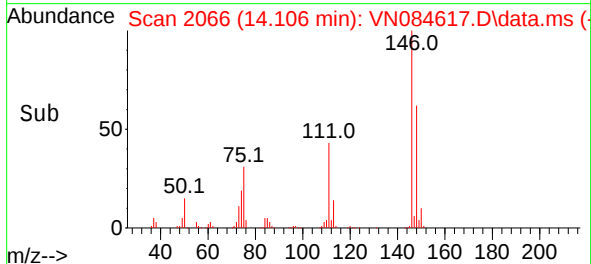
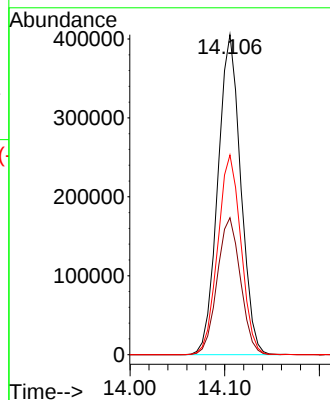
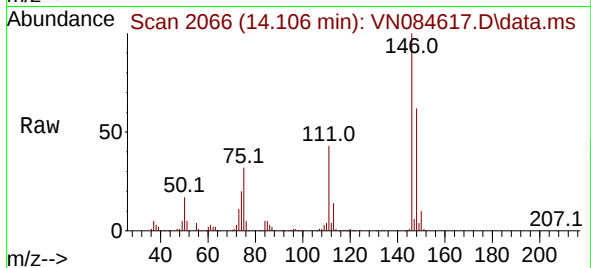
Tgt Ion:146 Resp: 680730

Ion Ratio Lower Upper

146 100

111 43.4 22.4 67.0

148 63.2 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 153.355 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

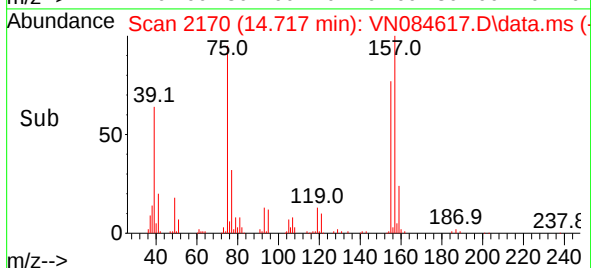
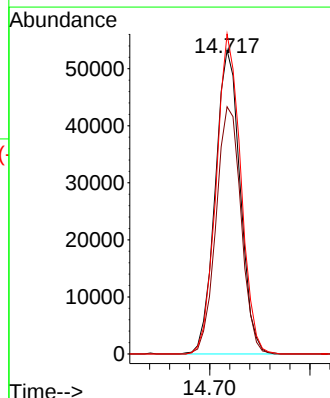
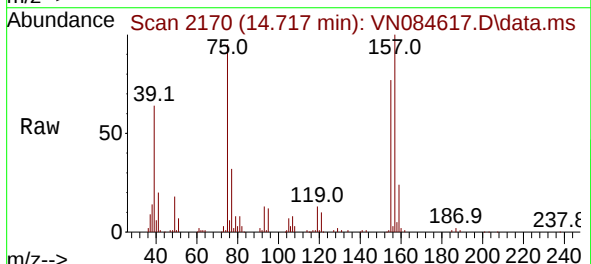
Tgt Ion: 75 Resp: 91914

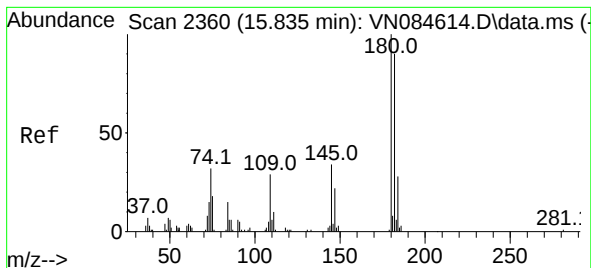
Ion Ratio Lower Upper

75 100

155 81.6 61.8 92.6

157 103.6 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 168.557 ug/l

RT: 15.841 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

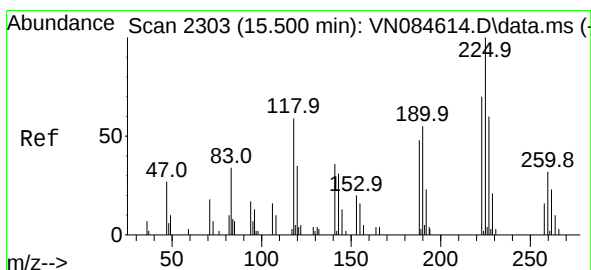
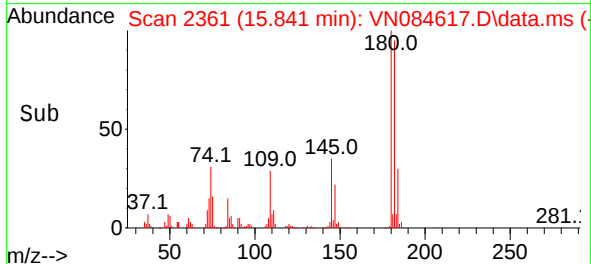
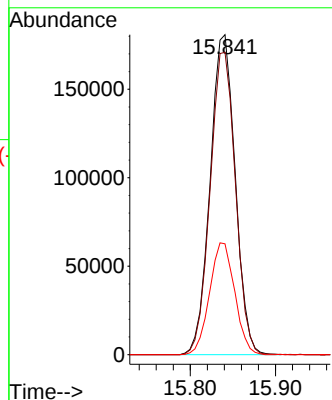
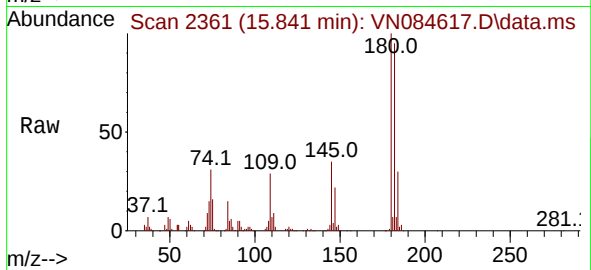
Tgt Ion:180 Resp: 369695

Ion Ratio Lower Upper

180 100

182 95.4 73.0 109.6

145 35.1 26.5 39.7



#90

Hexachlorobutadiene

Concen: 158.343 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084617.D

Acq: 31 Oct 2024 13:44

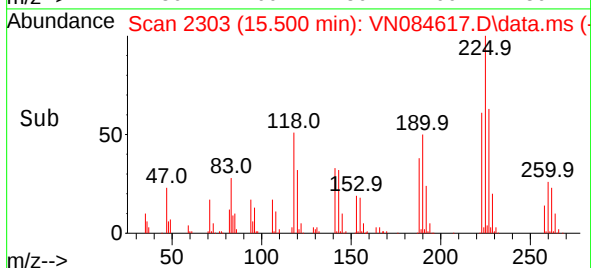
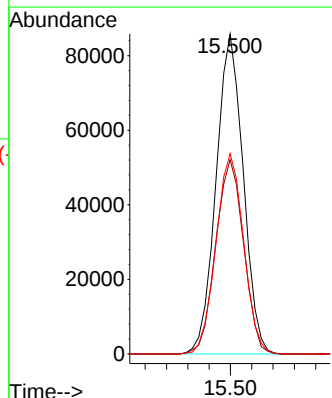
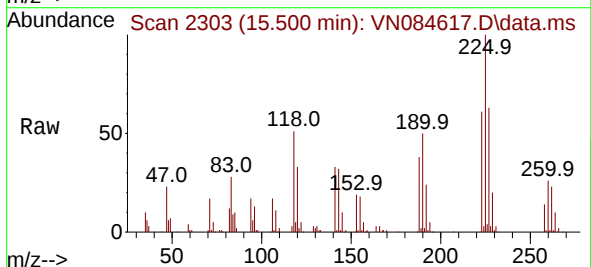
Tgt Ion:225 Resp: 151702

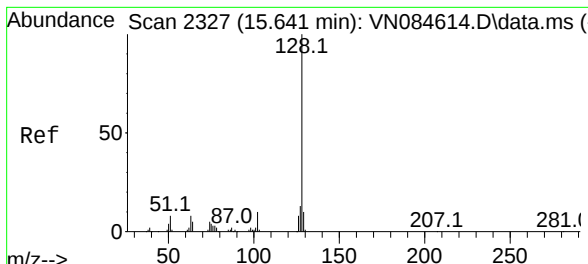
Ion Ratio Lower Upper

225 100

223 62.3 0.0 138.8

227 63.6 0.0 123.2



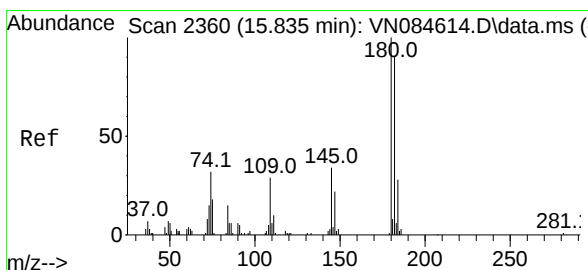
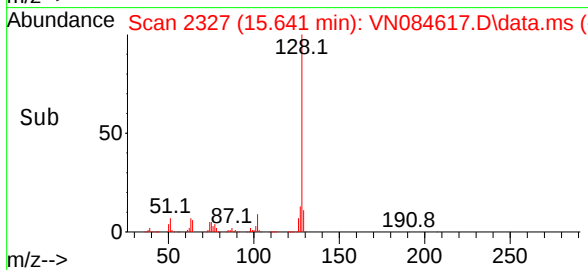
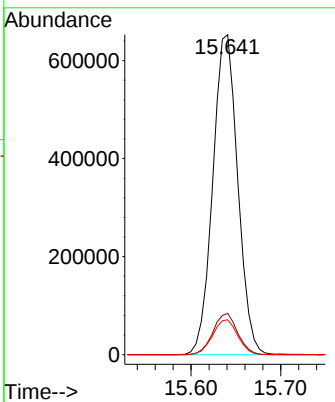
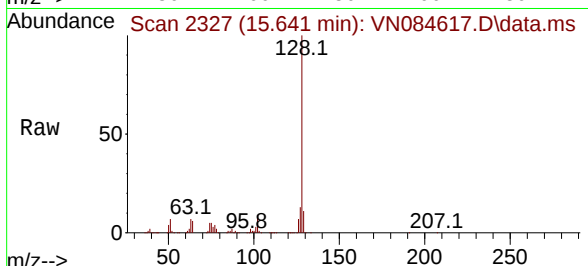


#91
 Naphthalene
 Concen: 180.011 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. -0.000 min
 Lab File: VN084617.D
 Acq: 31 Oct 2024 13:44

Instrument : MSVOA_N
 ClientSampleId :

Tgt Ion:128 Resp: 1260875

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.6	12.8



#92
 1,2,3-Trichlorobenzene
 Concen: 168.557 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.006 min
 Lab File: VN084617.D
 Acq: 31 Oct 2024 13:44

Tgt Ion:180 Resp: 369695

Ion	Ratio	Lower	Upper
180	100		
182	95.4	0.0	182.6
145	35.1	0.0	66.2

